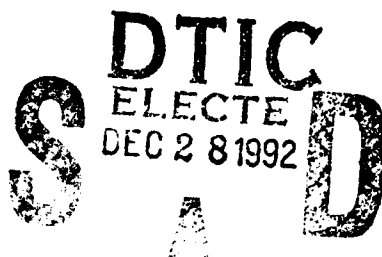


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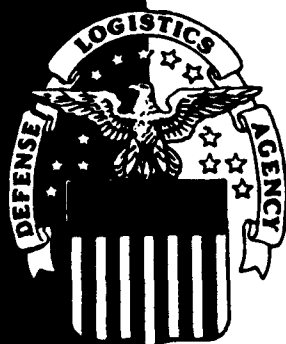
**REFERENCE LIST
OF
COMMODITIES,
SPECIFICATIONS,
AND
STANDARDS**

DEFENSE LOGISTICS AGENCY

**DEFENSE
FUEL
SUPPLY
CENTER**

Cameron Station,
Alexandria, Virginia 22304-6160

FOR PETROLEUM AND RELATED PRODUCTS



DEFENSE FUEL SUPPLY CENTER

This document has been approved
for public release and sale; its
contents are not classified.

December 1986

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DEFENSE LOGISTICS AGENCY
DEFENSE FUEL SUPPLY CENTER
CAMERON STATION
ALEXANDRIA, VIRGINIA 22304-6160

DFSCH 4120.1

DFSC-DU

DFSC HANDBOOK
NO. 4120.1

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FOREWORD
(Supplementation is prohibited.)

This handbook provides a single reference for commodities procured by DFSC and those specifications (SPECS) and standards (STDs) utilized in the procurement of these commodities. It does not list all supporting SPECS referenced in any specific petroleum product SPEC or STD covering equipment used in connection with petroleum products.

A copy of this handbook is distributed to each company on the Solicitation Mailing List. Additional copies may be obtained from:

Defense Fuel Supply Center
ATTN: DFSC-DU
Cameron Station
Alexandria, VA 22304-6160
Telephone: AUTOVON: 284-7428
Commercial: Area Code 202-274-7428

Copies of Military (MIL) SPECS and STDs listed herein and in the DoD Index of Specifications and Standards (DoDISS) may be obtained by direct request from:

Commander
Naval Publications and Forms Center (NPFC)
5801 Tabor Avenue
Philadelphia, PA 19120-5002

NOTE: DFSC DOES NOT STOCK SPECS AND STDs.

Prospective suppliers are cautioned that all bids must be submitted strictly on the basis of those SPECS cited in the DFSC Invitation for Bid (IFB) or Request for Proposal (RFP). Prospective suppliers should review this list to ensure that the company file of SPECS and STDs is complete so that suitable bids may be submitted upon receipt of IFBs or RFPs.

In certain instances petroleum product SPECS and the Federal Acquisition Regulation (FAR) require that the applicable products be qualified by passing specified tests prior to the award of a contract to a supplier. Consequently, prospective suppliers of those products are encouraged to obtain the required qualification(s) as soon as possible for inclusion in the published Qualified Products List (QPL). DFSC can consider awarding a contract for products requiring qualification only to bidders who offer items that have been tested and qualified prior to the time of the bid

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opening. Those SPECS requiring product qualification are identified by a coded symbol shown in a separate column. Section X identifies the Military activity to which inquiry concerning qualification requirements should be addressed.

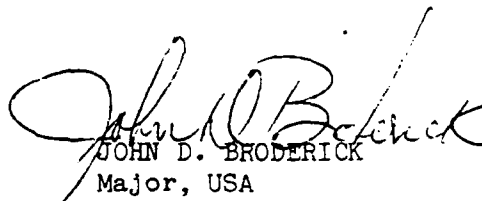
In order to maintain technological progress and effect economies and standardization, SPECS utilized by DoD are constantly changing. Every effort is made to have this handbook complete and current as of the date of publication. Revisions will be issued periodically as required.

This handbook will not be used as a substitute for departmental handbooks, technical-use instructions, or other documents specifying the application of petroleum and related products.

SIGNIFICANT CHANGES. There are many changes to listed SPECS and STDs, new items have been added, and some deletions have occurred.

Users of this publication are encouraged to submit recommended changes and comments to improve the publication to HQ DFSC, ATTN: DFSC-DU.

BY ORDER OF THE COMMANDER


JOHN D. BRODERICK
Major, USA
Executive Officer

DISTRIBUTION

List IA

Solicitation Mailing List

COORDINATION: DFSC-Q, DFSC-P, DFSC-L

TABLE OF CONTENTS

SECTION I	INFORMATION ON DFSC
SECTION II	GENERAL INFORMATION
	I. COMMERCE BUSINESS DAILY
	II. SPECS/STDs USED BY DOD
	III. PACKAGING, PACKING, AND MARKING OF PETROLEUM AND RELATED PRODUCTS
	IV. QUALITY REQUIREMENTS
	V. SET-ASIDE FOR SMALL BUSINESS FIRMS
	VI. SET-ASIDE FOR FIRMS IN LABOR SURPLUS AREAS
SECTION III	FEDERAL SUPPLY CLASSES (FSCs) PROCURED BY DFSC
SECTION IV	COMMODITY LIST BY FSC AND NATIONAL STOCK NUMBER (NSN) SEQUENCE
SECTION V	ALPHABETICAL LISTING OF COMMODITIES
SECTION VI	LISTING OF PRODUCT SPECS
SECTION VII	LISTING OF SPECS FOR PACKAGING, PACKING, AND MARKING
	PART 1 - MILITARY
	PART 2 - FEDERAL
	PART 3 - COMMERICAL
SECTION VIII	LISTING OF PUBLICATIONS OF SPECIAL INTEREST
SECTION IX	QUALIFICATION ACTIVITY CODES

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SECTION I
INFORMATION ON DFSC

I. The primary mission of DFSC is to procure refined petroleum products and related services for the Military Services and Government agencies worldwide.

II. There are several buying divisions that handle acquisitions. General descriptions of the types of supplies and services bought by these divisions are listed below. Contacts for procurement should be made to DFSC, Cameron Station, Alexandria, VA 22304-6160. Attention lines and telephone numbers for each Division are also listed below.

A. BULK FUELS

Bulk fuels are purchased on an origin or destination basis and are shipped by tanker, barge, pipeline, rail tankcar, and road tanktrucks. This Division has four sections, three that handle the domestic requirements which are generally purchased from U.S. suppliers, and one that handles the overseas requirements which are usually purchased from foreign sources. These are very large programs and the contracts are generally negotiated.

PRODUCTS:

Jet Fuel
Propellant Kerosene
Aviation Gasoline (AVGAS)
Motor Gasoline (MOGAS)
Diesel Fuel Oil
Navy Special Fuel Oil
Fuel Oils

CONTACT:

ATTN: DFSC-PZ
Telephone: AUTOVON: 284-7453
Commercial: Area Code 202-274-7453

B. GROUND FUELS

This Division buys ground products for the Military Services and Federal agencies located in the continental United States (CONUS) and overseas. Most of the deliveries are made in contractor-furnished vehicles to applicable installations. Generally, the IFB is used for the domestic requirements and the RFP is used for the overseas items.

PRODUCTS:

Diesel
Gasoline
Heating Fuel
Residual

CONTACT: ATTN: DFSC-PE
Telephone: AUTOVON: 284-7840
Commercial: Area Code 202-274-7840

C. SPECIALTY FUELS

This Division is responsible for providing product and refueling services at commercial airports and ship bunkering at various customer ports. They also buy bulk lubricants (lube oils) for ship and aircraft engines, fuel system icing inhibitors (FSII), and U.S. coal for direct delivery to our domestic and overseas (Germany) installations.

CONTACT: ATTN: DFSC-PH
Telephone: AUTOVON: 284-7411
Commercial: Area Code 202-274-7411

D. SPECIAL ACQUISITIONS

This Division is responsible for worldwide contracting for aircraft refueling and defueling at Military bases, commercial petroleum storage, quality surveillance representative (QSR) services for the re-refining of off-specification products, operation of Government-owned terminals, petroleum drumming and related services, laboratory testing of Government-owned petroleum products, and petroleum blending. This Division also has responsibility for contracting for commercial activities, special studies, and base contracting support for HQ DLA, the DLA Administrative Support Center (DASC), and DASC supported activities.

CONTACT: ATTN: DFSC-PS
Telephone: AUTOVON: 284-8362
Commercial: Area Code (202) 274-8362

E. SYNTHETIC FUELS

DFSC has recently been assigned the responsibility for integrating synthetic fuels (SYNFUELS) into the logistics system, procuring test fuels for the Military departments, and assisting DoD and the Synthetic Fuels Corporation in developing an industrial base for the production of DoD SYNFUELS. DFSC is actively pursuing SYNFUELS goals as a customer for this developing industry. A broad range of products meeting SYNFUELS SPECS are encouraged from many sources including shale, coal, tar sands, heavy oil, and biomass.

CONTACT: ATTN: DFSC-DF
Telephone: AUTOVON: 284-9376
Commercial: Area Code 202-274-9376

F. FIELD ASSISTANCE

DEFENSE FUEL REGION NORTHEAST
BLDG. 19-01
McGUIRE AFB, NEW JERSEY 08641-9998
Telephone: AUTOVON: 440-3766
Commercial: Area Code
609-724-3766

DEFENSE FUEL REGION SOUTHEAST
P.O. BOX TT
TYNDALL AFB, FLORIDA 32403-5000
Telephone: AUTOVON: 970-2065
Commercial: Area Code
904-283-2065

DEFENSE FUEL REGION WEST
3171 N. GAFFEY STREET
SAN PEDRO, CALIFORNIA 90731-1099
Telephone: AUTOVON: 833-2876
Commercial: Area Code
213-514-6100

DEFENSE FUEL REGION ALASKA
ELMENDORF AFB, ALASKA 99506-5000
Telephone: AUTOVON: 317-552-3760
Commercial: Area Code
907-552-3760

DEFENSE FUEL REGION CARIBBEAN
HOMESTEAD AFB,
FLORIDA 33039-5146
Telephone: AUTOVON: 791-7085
Commercial: Area Code
305-257-7085

DEFENSE FUEL REGION EUROPE
BLDG. 2304
APO NEW YORK 09128-4105
Telephone: AUTOVON: 314-430-8364
Stuttgart, Germany
Commercial: 49711-6877763

DEFENSE FUEL REGION PACIFIC
CAMP H.M. SMITH, HAWAII 96861-5025
Telephone: AUTOVON: 315-477-6692
Commercial: Area Code
808-447-6692

DEFENSE FUEL REGION CENTRAL
8900 S. BROADWAY, BLDG. 2
ST. LOUIS, MISSOURI 63125-1513
Telephone: AUTOVON: 693-8346/8205
Commercial: Area Code
314-263-8346/8205

DEFENSE FUEL REGION SOUTHWEST
FEDERAL OFFICE BUILDING
2320 LaBRANCH
ROOM 1213
HOUSTON, TEXAS 77004-1091
Telephone: AUTOVON: 940-1371
Commercial: Area Code
713-750-1895

DEFENSE FUEL REGION MIDDLE EAST
BAHRAIN
FPO NEW YORK 09526-5000
Telephone: AUTOVON: 237-1110
Extention 754386
Commerical: Area Code
973-754-3861

G. OTHER ASSISTANCE

Requirements

DEFENSE FUEL SUPPLY CENTER
ATTN: DFSC-OI
CAMERON STATION
ALEXANDRIA, VA 22304-6160
Telephone: AUTOVON: 284-7512
Commerical: Area Code
202-274-7512

Small Business

DEFENSE FUEL SUPPLY CENTER
ATTN: DFSC-DU
CAMERON STATION
ALEXANDRIA, VA 22304-6160
Telephone: AUTOVON: 284-7428
Commerical: Area Code
202-274-7428

DFSCH 4120.1

III. A solicitation mailing list is used by DFSC to automatically notify all potential suppliers of new requirements being solicited in their area of interest. This mailing list is comprised of contractors who have expressed an interest in furnishing Government requirements. The first step to being considered as a potential supplier is to completely fill out and submit to DFSC, a Standard Form (SF) 129, Solicitation Mailing List Application. Applications for placing your company's name on the DFSC Solicitation Mailing List may be obtained by requesting the SF 129 from:

DEFENSE FUEL SUPPLY CENTER
ATTN: DFSC-PO
CAMERON STATION
ALEXANDRIA, VA 22304-6160
Telephone: AUTOVON: 284-7425
Commercial: Area Code 202-274-7425

SECTION II

GENERAL INFORMATION

The Small Business Administration (SBA), General Services Administration (GSA), Department of Labor (DOL), and the Department of Commerce (DOC) have field offices in many cities which are equipped to assist business firms in locating opportunities to participate in Federal procurement. In addition to these offices, there are a number of publications available which set forth guidelines for doing business with the Government and provide the locations of Military procuring activities. One of these publications is entitled, "Selling to the Military." This pamphlet is intended to provide business firms, which have little or no experience in selling their products or services to DoD, with basic steps and initial contacts for locating sales opportunities.

Copies of this publication may be obtained for \$1.80 per copy (price subject to change) from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402-4231, or from any field office of DOC.

I. Commerce Business Daily

A. An important source of information in identifying Federal procurement is the "Commerce Business Daily," which is published daily, Monday through Friday. This publication lists proposed procurements of Federal agencies, subcontracting opportunities offered by Defense prime contractors, recent contract awards which provide leads for additional subcontracting opportunities, surplus sales information, and other pertinent information on Federal procurement activities.

B. This publication is available by subscription for \$160.00 per year for first-class mail and \$81.00 per year for second-class mail (prices subject to change). To order, send remittance with full name and address to the nearest DOC field office or the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402-4231.

II. SPECS/STDs Used by DoD

Automatic distribution of SPECS/STDs to DFSC bidders will be made by NPFC. NPFC has been designated as the DoD single stocking point (DoD-SSP) for all documents listed in the DoDISS.

III. Packaging, Packing, and Marking of Petroleum and Related Products

A. Packaging, packing, and marking of petroleum products must be accomplished as specified in MIL STD 290, Packaging, Packing, and Marking of Petroleum and Related Products. The packaging and packing level will be as required in individual solicitations.

B. NPFC has assumed this function and will continue automatically distributing petroleum and related product SPECS to DFSC bidders of record. Requests for individual SPECS or changes in the number or category of SPECS should be made to the following address: Commander, NPFC, 5801 Tabor Avenue, Philadelphia, PA 19120-5002.

IV. Quality Requirements

A. **Qualified Products:** Certain items procured by DFSC are termed, "qualified products." A qualified product is one that is governed by SPECS containing certain STDs of performance for which a manufacturer's product must be tested and approved prior to bid opening. Since only those products which have been tested and qualify for inclusion on the QPL prior to bid opening are considered for award, you are urged to qualify your products as soon as possible. Those SPECS which require product qualifications and the qualifying activity are listed in section X of this book.

B. **Quality Assurance:** Quality assurance in accordance with contractual requirements is the responsibility of the supplier. The Government reserves the right to inspect all products prior to final delivery and acceptance. Inspection may be made at source or destination. QSRs are available worldwide for assistance with quality problems.

V. Set-Aside for Small Business Firms

DoD and other Federal agency regulations provide that procurements, either total or partial, may be set-aside exclusively for small business concerns. To be classified as a small business concern the following criteria are applied: The firm must be independently owned and operated, the firm is not dominant in the field of operation in which it is bidding, and can qualify under other criteria established by the SBA. The SBA's determination of contractor classification generally is based on its number of employees and other factors pertinent to the industry.* DFSC along with other procuring activities has a small business specialist, who will provide counselling and guidance in this area. The address for the DFSC Small Business Specialist is:

Defense Fuel Supply Center
ATTN: DFSC-DU
Cameron Station
Alexandria, Virginia 22304-6160
Telephone: AUTOVON: 284-7428
Commercial: Area Code 202-274-7428

VI. Set-Aside for Firms in Labor Surplus Areas

It is the policy of DoD to aid labor surplus areas. In order to carry out this policy, a portion of a procurement may be set-aside for negotiations of contracts with concerns which will perform (or cause to be performed) in a labor surplus area. This Center's participation in set-asides for firms in labor surplus areas is limited to the procurement of coal only.

*The size standard for each procurement is cited in the solicitation.

SECTION III

FSCs PROCURED BY DFSC

<u>FSC</u>	<u>NOMENCLATURE</u>
6850	INHIBITOR, ICING FUEL SYSTEM
9110	FUELS, SOLID (includes bituminous coal and anthracite coal)
9130	LIQUID PROPELLANTS AND FUELS, PETROLEUM BASE* (includes all aviation gasolines: JP1, JP3, JP4, JP5, and jet fuel; combat vehicle and automotive gasolines (all types and grades); liquid propellants; bulk liquid propellants (predetermined to specific quantity and quality, packaged in reusable containers - excluded are solid propellants and liquid propellants (encased in consumable containers) for insertion into missile propulsion systems as integral parts)
9140	FUEL OIL (includes light burner fuel; diesel fuel; kerosene; MIL SPEC-type residuals; special and heavy grade turbine vessel propulsion fuels; Federal SPECS heavy burner fuel; bunker "C" commercial grade fuel; heavy fuel and other black (boiler type) fuel; and illuminating oil)
9150	OILS, LUBRICATING BULK

*Propellants with more than 50 percent or higher petroleum content.

SECTION IV

COMMODITY LIST BY FSC AND NSN SEQUENCE

FSC 6850

6850-00 082-2522	INHIBITOR, ICING FUEL SYSTEM, ETHYLENE GLYCOL MONOMETHYL ETHER, NATO CODE #S-748	BULK	MIL-I-27686
6850-01 057-6427	INHIBITOR, ICING FUEL SYSTEM, DIETHYLENE GLYCOL MONOMETHYL ETHER (HIGH FLASH)	BULK	MIL-I-85470

FSC 9110

9110-00	COAL, ANTHRACITE
9110-00	COAL, BITUMINOUS

FSC 9130

9130-00 142-9457	GASOLINE, AUTOMOTIVE, COMBAT, REFEREE GRADE, GRADE I	BULK	MIL-G-46015
9130-00 148-7102	GASOLINE, AUTOMOTIVE, LIMITED GRADE, UNLEADED	BULK	VV-G-1690- ASTM-D-439
9130-00 148-7103	GASOLINE, AUTOMOTIVE, REGULAR GRADE, UNLEADED	BULK	VV-G-1690- ASTM-D-439
9130-00 148-7104	GASOLINE, AUTOMOTIVE, PREMIUM GRADE, UNLEADED	BULK	VV-G-1690- ASTM-D-439
9130-00 160-1817	GASOLINE, AUTOMOTIVE, COMBAT, TYPE I, NATO CODE #F-46	5-GAL CAN	MIL-G-3056
9130-00 160-1818	GASOLINE, AUTOMOTIVE, COMBAT, TYPE I, NATO CODE #F-46	BULK	MIL-G-3056
9130-00 160-1830	GASOLINE, AUTOMOTIVE, COMBAT, TYPE II	BULK	MIL-G-3056
9130-00 160-1831	GASOLINE, AUTOMOTIVE, COMBAT, TYPE II	5-GAL CAN	MIL-G-3056

9130-00 160-1839	GASOLINE, AVIATION, GRADE 80/87, NATO CODE #F-12	BULK	MIL-G-5572
9130-00 179-1122	GASOLINE, AVIATION, GRADE 100/130, NATO CODE #F-18	BULK	MIL-G-5572
9130-00 179-1125	GASOLINE, AVIATION, GRADE 115/145, NATO CODE #F-22	BULK	MIL-G-5572
9130-00 179-1127	GASOLINE, AVIATION, GRADE 115/145	55-GAL DRUM 18-GAGE TYPE II	MIL-G-5572
9130-00 180-6385	TURBINE FUEL, LOW VOLATILITY, JP7	BULK	MIL-T-38219
9130-00 181-7141	FUEL, RAMJET ENGINE, T-H DIMER, GRADE RJ-4	BULK	MIL-F-82522
9130-00 181-7142	FUEL, RAMJET ENGINE, T-H DIMER, GRADE RJ-4	55-GAL DRUM 18-GAGE	MIL-F-82522
9130-00 217-7175	GASOLINE, AVIATION, GRADE 80/87, NATO CODE #F-12	5-GAL CAN	MIL-G-5572
9130-00 217-7176	GASOLINE, AVIATION, GRADE 100/130, NATO CODE #F-18	5-GAL CAN	MIL-G-5572
9130-00 221-0677	GASOLINE, AVIATION, GRADE 100/130, NATO CODE #F-18	5-GAL DRUM 16-GAGE	MIL-G-5572
9130-00 221-0678	GASOLINE, AVIATION, GRADE 100/130, NATO CODE #F-18	55-GAL DRUM 18-GAGE	MIL-G-5572
9130-00 221-0679	GASOLINE, UNLEADED	55-GAL DRUM 16-GAGE	CHEVRON BLAZO
9130-00 221-0680	GASOLINE, AUTOMOTIVE, COMBAT, TYPE I, NATO CODE #F-46	55-GAL DRUM 16-GAGE	MIL-G-3056
9130-00 221-0684	GASOLINE, AVIATION, GRADE 80/87, NATO CODE #F-12	55-GAL DRUM 16-GAGE	MIL-G-5572
9130-00 221-0685	GASOLINE, AUTOMOTIVE, COMBAT, TYPE II	55-GAL DRUM 16-GAGE TYPE I	MIL-G-3056
9130-00 233-0748	PROPELLANT, UNS-DIMETHYLHY- DRAZINE JET FUEL, TYPE III	315-LB DRUM	MIL-P-26694
9130-00 240-8201	GASOLINE, AUTOMOTIVE, COMBAT, TYPE II	55-GAL DRUM 18-GAGE	MIL-G-3056

DFSCH 4120.1

9130-00 240-8204	GASOLINE, AUTOMOTIVE, COMBAT, TYPE I, NATO CODE #F-46	55-GAL DRUM 18-GAGE	MIL-G-3056
9130-00 240-8208	GASOLINE, AVIATION, GRADE 80/87, NATO CODE #F-12	55-GAL DRUM 18-GAGE	MIL-G-5572
9130-00 240-8209	GASOLINE, UNLEADED	55-GAL DRUM 18-GAGE	CHEVRON BLAZO
9130-00 243-5403	PROPELLANT, UNS-DIMETHYLHY- DRAZINE JET FUEL, TYPE II (17% UDMH, 83% JP4)	315-LB DRUM	MIL-P-26694
9130-00 256-8613	TURBINE FUEL, AVIATION, GRADE JP4, NATO CODE #F-40	BULK	MIL-T-5624
9130-00 256-8617	TURBINE FUEL, AVIATION, GRADE JP4, NATO CODE #F-40	55-GAL DRUM 18-GAGE	MIL-T-5624
9130-00 264-4538	GASOLINE, AUTOMOTIVE, PREMIUM GRADE, LEADED	BULK	*VV-G-1690- ASTM-D-439
9130-00 264-4539	GASOLINE, AUTOMOTIVE, PREMIUM GRADE, LEADED	55-GAL DRUM 18-GAGE	*VV-G-1690- ASTM-D-439
9130-00 264-6215	GASOLINE, AUTOMOTIVE, REGULAR GRADE, LEADED	55-GAL DRUM 18-GAGE TYPE II	*VV-G-1690- ASTM-D-439
9130-00 264-6216	GASOLINE, AUTOMOTIVE, REGULAR GRADE, LEADED	55-GAL DRUM 16-GAGE	*VV-G-1690- ASTM-D-439
9130-00 264-6217	GASOLINE, AUTOMOTIVE, PREMIUM GRADE, LEADED	55-GAL DRUM 16-GAGE	*VV-G-1690- ASTM-D-439
9130-00 264-6218	GASOLINE, AUTOMOTIVE, REGULAR GRADE, LEADED	BULK	*VV-G-1690- ASTM-D-439
9130-00 273-2375	GASOLINE, AVIATION, GRADE 115/145, NATO CODE #F-22	55-GAL DRUM 16-GAGE	MIL-G-5572
9130-00 273-2379	TURBINE FUEL, AVIATION, GRADE JP5, NATO CODE #F-44	BULK	MIL-T-5624
9130-00 273-2380	TURBINE FUEL, AVIATION, GRADE JP4, NATO CODE #F-40	55-GAL DRUM 16-GAGE	MIL-T-5624
9130-00 285-1294	TURBINE FUEL, AVIATION, GRADE JP5, NATO CODE #F-44	55-GAL DRUM 18-GAGE	MIL-T-5624
9130-00 359-2026	TURBINE FUEL, AVIATION, TYPE JET A	BULK	ASTM D-1655

9130-00 543-7429	PROPELLANT, KEROSENE	BULK	MIL-P-25576
9130-00 543-7831	FUEL, RAMJET ENGINE, GRADE RJ-1	55-GAL DRUM 16-GAGE	MIL-F-25558
9130-00 551-2264	TURBINE FUEL, AVIATION, THERMALLY STABLE	BULK	MIL-T-25524
9130-00 551-5525	FUEL, RAMJET ENGINE, GRADE RJ-1	BULK	MIL-F-25558
9130-00 559-2475	PROPELLANT, KEROSENE	55-GAL DRUM	MIL-P-25576
9130-00 753-5026	TURBINE FUEL, AVIATION, TYPE JET A-1	BULK	ASTM D-1655
9130-00 871-6655	GASOLINE, AVIATION, GRADE 115/145, NATO CODE #F-22	500-GAL COLLAPSIBLE FABRIC DRUMS	MIL-G-5572
9130-00 873-3895	GASOLINE, AUTOMOTIVE, COMBAT, TYPE I, NATO CODE #F-46	500-GAL COLLAPSIBLE FABRIC DRUMS	MIL-G-3056
9130-00 873-3896	TURBINE FUEL, AVIATION, GRADE JP4, NATO CODE #F-40	500-GAL COLLAPSIBLE FABRIC DRUMS	MIL-T-5624
9130-01 031-5816	TURBINE FUEL, AVIATION, KEROSENE TYPE, GRADE JP8, NATO CODE #F-34	BULK	MIL-T-83133
9130-01 090-1092	GASOHOL, AUTOMOTIVE, UNLEADED, LIMITED GRADE	BULK	MIL-G-53006
9130-01 090-1093	GASOHOL, AUTOMOTIVE, UNLEADED, REGULAR GRADE	BULK	MIL-G-53006
9130-01 090-1094	GASOHOL, AUTOMOTIVE, UNLEADED, PREMIUM GRADE	BULK	MIL-G-53006
9130-01 096-3846	GASOLINE, AUTOMOTIVE, COMBAT, TYPE I	BULK	MIL-G-3056
9130-01 135-2507	GASOLINE, AUTOMOTIVE, LIMITED, LEADED	BULK	*VV-G-1690- ASTM-D-439
9130-01 147-1344	GASOLINE, AUTOMOTIVE, COMBAT, KOREAN INDUSTRIAL STANDARD COMMERCIAL METHOD, CLASS I	BULK	KSM 2612

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9130-01 147-1345	GASOLINE, AUTOMOTIVE, COMBAT, KOREAN INDUSTRIAL STANDARD, COMMERCIAL METHOD, CLASS II	BULK	KSM 2612
9130-01 147-1346	GASOLINE, AUTOMOTIVE, COMBAT, KOREAN INDUSTRIAL STANDARD, COMMERCIAL METHOD, CLASS III	BULK	KSM 2612
9130-01 207-7039	GASOLINE, AUTOMOTIVE, LEADED, REGULAR	5-GAL CAN	*VV-G-1690- ASTM-D-439
9130-01 207-7763	JET A-50	55-GAL DRUM 18-GAGE	ASTM-D-1655
9130-01 208-4172	GASOLINE, AUTOMOTIVE, LIMITED GRADE, UNLEADED	55-GAL DRUM 18-GAGE	*VV-G-1690- ASTM-D-439

* NOTE: VV-G-1690 is used primarily outside CONUS, while ASTM-D-439 is used in the U.S.

FSC 9140

9140-00 181-7719	FUEL OIL, BURNER, NAVY SPECIAL, LOW SULFUR, RESIDUAL	BULK	MIL-F-859
9140-00 242-6748	KEROSENE, GRADE 2-K	BULK	ASTM-D-3699
9140-00 242-6749	KEROSENE, GRADE 2-K	5-GAL CAN TYPE I	ASTM-D-3699
9140-00 242-6751	KEROSENE, GRADE 2-K	55-GAL DRUM 18-GAGE TYPE II	ASTM-D-3699
9140-00 247-4354	FUEL OIL, BURNER, GRADE NO. 6, RESIDUAL	BULK	ASTM D-396
9140-00 247-4358	FUEL OIL, BURNER, GRADE NO. 4, LIGHT RESIDUAL OR HEAVY DISTILLATE	55-GAL DRUM 18-GAGE	ASTM D-396
9140-00 247-4359	FUEL OIL, BURNER, GRADE NO. 5, HEAVY RESIDUAL	BULK	ASTM-D-396
9140-00 247-4360	FUEL OIL, BURNER, GRADE NO. 4, LIGHT RESIDUAL OR HEAVY DISTILLATE	BULK	ASTM-D-396
9140-00 247-4361	FUEL OIL, BURNER, GRADE NO. 4, LIGHT RESIDUAL OR HEAVY DISTILLATE	55-GAL DRUM 16-GAGE	ASTM-D-396
9140-00 247-4362	FUEL OIL, BURNER, GRADE NO. 2, DISTILLATE	55-GAL DRUM 16-GAGE	ASTM-D-396
9140-00 247-4363	FUEL OIL, BURNER, GRADE NO. 2, DISTILLATE	55-GAL DRUM 18-GAGE	ASTM-D-396
9140-00 247-4364	FUEL OIL, BURNER, GRADE NO. 1, DISTILLATE	55-GAL DRUM 18-GAGE	ASTM-D-396
9140-00 247-4365	FUEL OIL, BURNER, GRADE NO. 2, DISTILLATE	BULK	ASTM-D-396
9140-00 247-4366	FUEL OIL, BURNER, GRADE NO. 1, DISTILLATE	BULK	ASTM-D-396
9140-00 247-4367	FUEL OIL, BURNER, GRADE NO. 1, DISTILLATE	55-GAL DRUM 16-GAGE	ASTM-D-396
9140-00 255-7764	FUEL, NAVAL DISTILLATE, NATO CODE #F-76	5-GAL CAN	MIL-F-16884

DFSCH 4120.1

9140-00 256-8610	FUEL OIL, BURNER. NAVY SPECIAL, RESIDUAL, NATO CODE #F-77	BULK	MIL-F-859
9140-00 261-7453	KEROSENE, DEODORIZED, GRADE 1-K	1-GAL CAN	ASTM-D-3699
9140-00 273-2377	FUEL, NAVAL DISTILLATE	BULK	MIL-F-16884
9140-00 273-2378	FUEL, NAVAL DISTILLATE, NATO CODE #F-76	55-GAL DRUM 18-GAGE	MIL-F-16884
9140-00 273-2394	KEROSENE, GRADE 2-K	55-GAL DRUM 16-GAGE	ASTM D-3699
9140-00 274-1912	FUEL, NAVAL DISTILLATE, NATO CODE #F-76	55-GAL DRUM 16-GAGE	MIL-F-16884
9140-00 286-5282	FUEL OIL, DIESEL, ARCTIC GRADE, MILITARY SYMBOL DFA	5-GAL CAN	VV-F-800
9140-00 286-5283	FUEL OIL, DIESEL, ARCTIC GRADE, MILITARY SYMBOL DFA	BULK	VV-F-800
9140-00 286-5284	FUEL OIL, DIESEL, ARCTIC GRADE, MILITARY SYMBOL DFA	55-GAL DRUM 16-GAGE	VV-F-800
9140-00 286-5285	FUEL OIL, DIESEL, ARCTIC GRADE, MILITARY SYMBOL DFA	55-GAL DRUM 18-GAGE TYPE II	VV-F-800
9140-00 286-5286	FUEL OIL, DIESEL, WINTER GRADE, MILITARY SYMBOL DF-1	BULK	VV-F-800
9140-00 286-5287	FUEL OIL, DIESEL, WINTER GRADE, MILITARY SYMBOL DF-1	5-GAL CAN	VV-F-800
9140-00 286-5288	FUEL OIL, DIESEL, WINTER GRADE, MILITARY SYMBOL DF-1	55-GAL DRUM 16-GAGE	VV-F-800
9140-00 286-5289	FUEL OIL, DIESEL, WINTER GRADE, MILITARY SYMBOL DF-1	55-GAL DRUM 18-GAGE TYPE II	VV-F-800
9140-00 286-5294	FUEL OIL, DIESEL, REGULAR GRADE, MILITARY SYMBOL DF-2, NATO CODE #F-54	BULK	VV-F-800
9140-00 286-5295	FUEL OIL, DIESEL, REGULAR GRADE, MILITARY SYMBOL DF-2, NATO CODE #F-54	5-GAL CAN	VV-F-800

9140-00 286-5296	FUEL OIL, DIESEL, REGULAR GRADE, MILITARY SYMBOL DF-2, NATO CODE #F-54	55-GAL DRUM 16-GAGE	VV-F-800
9140-00 286-5297	FUEL OIL, DIESEL, REGULAR GRADE, MILITARY SYMBOL DF-2, NATO CODE #F-54	55-GAL DRUM 18-GAGE	VV-F-800
9140-00 419-0450	FUEL OIL, DIESEL, WINTER GRADE, MILITARY SYMBOL DF-1	500-GAL COLLAPSIBLE FABRIC DRUMS	VV-F-800
9140-00 873-3902	FUEL, NAVAL DISTILLATE, NATO CODE #F-76	500-GAL COLLAPSIBLE FABRIC DRUMS	MIL-F-16884
9140-01 056-8320	FUEL, DIESEL, REFEREE GRADE, GRADE II, ENGINE ENDURANCE, REGULAR/WINTER GRADE	BULK	MIL-F-46162
9140-01 058-4431	FUEL OIL, BURNER, GRADE NO. 5, LIGHT RESIDUAL	BULK	ASTM-D-396
9140-01 061-4631	HEATING FUEL, NO.1	BULK	ASTM-D-396
9140-01 061-4632	HEATING FUEL, NO.2	BULK	ASTM-D-396
9140-01 061-4633	HEATING FUEL, NO.3	BULK	ASTM-D-396
9140-01 062-5531	SHALE, REFINED FUEL OIL, DIESEL/DF2	BULK	
9140-01 062-5532	SHALE, REFINED GASOLINE, REGULAR/NO LEAD	BULK	
9140-01 062-5533	SHALE, REFINED TURBINE FUEL, AVIATION/JP4	BULK	
9140-01 062-5534	SHALE, CRUDE OIL	BULK	
9140-01 062-5535	SHALE, REFINED TURBINE FUEL, AVIATION/JP5	BULK	
9140-01 062-5536	FUEL OIL, DIESEL/DFM	BULK	
9140-01 062-5537	SHALE, REFINED FUEL OIL, BURNER/RESIDUAL/FS6	BULK	

DFSCH 4120.1

9140-01 079-5805	FUEL, NAVAL DISTILLATE, NATO CODE #F-76	BULK	MIL-F-16884
9140-01 107-6139	FUEL OIL, BURNER, GRADE NO. 4, LIGHT RESIDUAL OR HEAVY DISTILLATE	BULK	ASTM-D-396
9140-01 134-5135	SHALE, REFINED TURBINE FUEL, AVIATION/JP4	55-GAL DRUM 18-GAGE	
9140-01 153-3017	SHALE, REFINED FUEL OIL, DIESEL/DF2	55-GAL DRUM 18-GAGE	
9140-01 153-8171	OIL, CRUDE/BITUMEN, TAR SANDS	55-GAL DRUM 18-GAGE	
9140-01 153-8172	SHALE, CRUDE OIL	DR	
9140-01 153-8173	SHALE, REFINED FUEL OIL, DIESEL/DFM	DR BULK	
9140-01 153-8176	SHALE, REFINED GASOLINE, REGULAR/NO LEAD	55-GAL DRUM 18-GAGE	
9140-01 153-8177	HIGH NITROGEN HYDROCRACKER FEED	BULK	
9140-01 154-5136	SHALE, REFINED TURBINE FUEL, AVIATION/JP5	55-GAL DRUM 18-GAGE	

FSC 9150

9150-00 181-8232	LUBRICATING OIL, ENGINE, MILITARY SYMBOL 9250	BULK	MIL-L-9000
9150-00 183-7807	LUBRICATING OIL, INTERNAL COMBUSTION ENGINE, TACTICAL SERVICES GRADE OE/HDO-10	BULK	MIL-L-2104
9150-00 183-7808	LUBRICATING OIL, INTERNAL COMBUSTION ENGINE, TACTICAL SERVICES GRADE OE/HDO-30	BULK	MIL-L-2104
9150-00 235-9064	LUBRICATING OIL, STEAM TURBINE (NONCORROSIVE), MIL SYMBOL 2190 TEP	BULK	MIL-L-17331
9150-00 405-2987	LUBRICATING OIL, INTERNAL COMBUSTION ENGINE, TACTICAL SERVICES GRADE OE/HDO-40	BULK	MIL-L-2104

9150-00 451-6947	LUBRICATING OIL, INTERNAL COMBUSTION ENGINE, ADMINISTRATIVE SERVICES GRADE 10W-30	BULK	MIL-L-46152
9150-00 753-5059	LUBRICATING OIL, AIRCRAFT PISTON ENGINE, (ASHLESS DISPERSANT), TYPE II, NATO CODE #0-125	BULK	MIL-L-22851
9150-00 823-8025	LUBRICATING OIL, STEAM TURBINE, PART # SOCONY MOBIL DTE, EXTRA HEAVY	BULK	SOCONYMOBIL- DTEEXTRAHEAVY
9150-00 985-6986	LUBRICATING OIL, MOBIL GARD 593	BULK	MOBIL OIL P/N MOBIL GARD 593
9150-00 985-7031	LUBRICATING OIL, AIRCRAFT, TURBINE ENGINE PETROLEUM, GRADE 1010	BULK	MIL-L-6081
9150-01 016-8770	LUBRICATING OIL, AIRCRAFT, PISTON ENGINE	BULK	AEROSHELL W120 OR TEXACO PRE- MIUM AD120

SECTION VALPHABETICAL LISTING OF COMMODITIESFSC 6850

6850-01 057-6427	INHIBITOR, ICING FUEL SYSTEM, DIETHYLENE GLYCOL MONOMETHYL ETHER (HIGH FLASH)	BULK	MIL-I-85470
6850-00 082-2522	INHIBITOR, ICING FUEL SYSTEM, ETHYLENE GLYCOL MONOMETHYL ETHER, NATO CODE #S-748	BULK	MIL-I-27686

FSC 9110

9110-00	COAL, ANTHRACITE
9110-00	COAL, BITUMINOUS

FSC 9130

9130-00 543-7831	FUEL, RAMJET ENGINE, GRADE RJ-1	55-GAL DRUM 16-GAGE	MIL-F-25558
9130-00 551-5525	FUEL, RAMJET ENGINE, GRADE RJ-1	BULK	MIL-F-25558
9130-00 181-7141	FUEL, RAMJET ENGINE, T-H DIMER, GRADE RJ-4	BULK	MIL-F-82522
9130-00 181-7142	FUEL, RAMJET ENGINE, T-H DIMER, GRADE RJ-4	55-GAL DRUM 18-GAGE	MIL-F-82522
9130-01 090-1092	GASOHOL, AUTOMOTIVE, UNLEADED LIMITED GRADE	BULK	MIL-G-53006
9130-01 090-1093	GASOHOL, AUTOMOTIVE, UNLEADED REGULAR GRADE	BULK	MIL-G-53006
9130-01 090-1094	GASOHOL, AUTOMOTIVE, UNLEADED PREMIUM GRADE	BULK	MIL-G-53006
9130-01 147-1344	GASOLINE, AUTOMOTIVE, COMBAT, KOREAN INDUSTRIAL STANDARD, COMMERCIAL METHOD, CLASS I	BULK	KSM 2612

9130-01 147-1345	GASOLINE, AUTOMOTIVE, COMBAT, KOREAN INDUSTRIAL STANDARD COMMERCIAL METHOD, CLASS II	BULK	KSM 2612
9130-01 147-1346	GASOLINE, AUTOMOTIVE, COMBAT, KOREAN INDUSTRIAL STANDARD, COMMERCIAL METHOD, CLASS III	BULK	KSM 2612
9130-00 142-9457	GASOLINE, AUTOMOTIVE, COMBAT, REFEREE GRADE, GRADE I	BULK	MIL-G-46015
9130-00 096-3846	GASOLINE, AUTOMOTIVE, COMBAT, TYPE I	BULK	MIL-G-3056
9130-00 160-1817	GASOLINE, AUTOMOTIVE, COMBAT, TYPE I, NATO CODE #F-46	5-GAL CAN	MIL-G-3056
9130-00 160-1818	GASOLINE, AUTOMOTIVE, COMBAT, TYPE I, NATO CODE #F-46	BULK	MIL-G-3056
9130-00 221-0680	GASOLINE, AUTOMOTIVE, COMBAT, TYPE I, NATO CODE #F-46	55-GAL DRUM 16-GAGE	MIL-G-3056
9130-00 240-8204	GASOLINE, AUTOMOTIVE, COMBAT, TYPE I, NATO CODE #F-46	55-GAL DRUM 18-GAGE	MIL-G-3056
9130-00 873-3895	GASOLINE, AUTOMOTIVE, COMBAT, TYPE I, NATO CODE #F-46	500-GAL COLLAPSIBLE FABRIC DRUMS	MIL-G-3056
9130-00 160-1830	GASOLINE, AUTOMOTIVE, COMBAT, TYPE II	BULK	MIL-G-3056
9130-00 160-1831	GASOLINE, AUTOMOTIVE, COMBAT, TYPE II	5-GAL CAN	MIL-G-3056
9130-00 221-0685	GASOLINE, AUTOMOTIVE, COMBAT, TYPE II	55-GAL DRUM 16-GAGE TYPE I	MIL-G-3056
9130-00 240-8201	GASOLINE, AUTOMOTIVE, COMBAT, TYPE II	55-GAL DRUM 18-GAGE TYPE II	MIL-G-3056
9130-01 207-7039	GASOLINE, AUTOMOTIVE, LEADED, REGULAR	5-GAL CAN	*VV-G-1690- ASTM-D-439
9130-01 135-2507	GASOLINE, AUTOMOTIVE, LIMITED, LEADED	BULK	*VV-G-1690- ASTM-D-439
9130-00 148-7102	GASOLINE, AUTOMOTIVE, LIMITED GRADE, UNLEADED	BULK	*VV-G-1690- ASTM-D-439

DFSCH 4120.1

9130-01 208-4172	GASOLINE, AUTOMOTIVE, LIMITED GRADE, UNLEADED	55-GAL DRUM 18-GAGE	*VV-G-1690- ASTM-D-439
9130-00 264-4538	GASOLINE, AUTOMOTIVE, PREMIUM GRADE, LEADED	BULK	*VV-G-1690- ASTM-D-439
9130-00 264-4539	GASOLINE, AUTOMOTIVE, PREMIUM GRADE, LEADED	55-GAL DRUM 18-GAGE	*VV-G-1690- ASTM-D-439
9130-00 264-6217	GASOLINE, AUTOMOTIVE, PREMIUM GRADE, LEADED	55-GAL DRUM 16-GAGE	*VV-G-1690- ASTM-D-439
9130-00 148-7104	GASOLINE, AUTOMOTIVE, PREMIUM GRADE, UNLEADED	BULK	*VV-G-1690- ASTM-D-439
9130-00 264-6215	GASOLINE, AUTOMOTIVE, REGULAR GRADE, LEADED	55-GAL DRUM 18-GAGE TYPE II	*VV-G-1690- ASTM-D-439
9130-00 264-6216	GASOLINE, AUTOMOTIVE, REGULAR GRADE, LEADED	55-GAL DRUM 16-GAGE	*VV-G-1690- ASTM-D-439
9130-00 264-6218	GASOLINE, AUTOMOTIVE, REGULAR GRADE, LEADED	BULK	*VV-G-1690- ASTM-D-439
9130-00 148-7103	GASOLINE, AUTOMOTIVE, REGULAR GRADE, UNLEADED	BULK	*VV-G-1690- ASTM-D-439
9130-00 160-1839	GASOLINE, AVIATION, GRADE 80/87, NATO CODE #F-12	BULK	MIL-G-5572
9130-00 217-7175	GASOLINE, AVIATION, GRADE 80/87, NATO CODE #F-12	5-GAL CAN	MIL-G-5572
9130-00 221-0684	GASOLINE, AVIATION, GRADE 80/87, NATO CODE #F-12	55-GAL DRUM 16-GAGE	MIL-G-5572
9130-00 240-8208	GASOLINE, AVIATION, GRADE 80/87, NATO CODE #F-12	55-GAL DRUM 18-GAGE	MIL-G-5572
9130-00 179-1122	GASOLINE, AVIATION, GRADE 100/130, NATO CODE #F-18	BULK	MIL-G-5572
9130-00 217-7176	GASOLINE, AVIATION, GRADE 100/130, NATO CODE #F-18	5-GAL CAN	MIL-G-5572
9130-00 221-0677	GASOLINE, AVIATION, GRADE 100/130, NATO CODE #F-18	55-GAL DRUM 16-GAGE	MIL-G-5572
9130-00 221-0678	GASOLINE, AVIATION, GRADE 100/130, NATO CODE #F-18	55-GAL DRUM 18-GAGE	MIL-G-5572
9130-00 179-1127	GASOLINE, AVIATION, GRADE 115/145	55-GAL DRUM 18-GAGE TYPE II	MIL-G-5572

9130-00 179-1125	GASOLINE, AVIATION, GRADE 115/145, NATO CODE #F-22	BULK	MIL-G-5572
9130-00 273-2375	GASOLINE, AVIATION, GRADE 115/145, NATO CODE #F-22	55-GAL DRUM 16-GAGE	MIL-G-5572
9130-00 871-6655	GASOLINE, AVIATION, GRADE 115/145, NATO CODE #F-22	500-GAL COLLAPSIBLE FABRIC DRUMS	MIL-G-5572
9130-00 221-0679	GASOLINE, UNLEADED	55-GAL DRUM 16-GAGE	CHEVRON BLAZO
9130-00 240-8209	GASOLINE, UNLEADED	55-GAL DRUM 18-GAGE	CHEVRON BLAZO
9130-01 207-7763	JET A-50	55-GAL DRUM 18-GAGE	ASTM-D-1655
9130-00 543-7429	PROPELLANT, KEROSENE	BULK	MIL-P-25576
9130-00 559-2475	PROPELLANT, KEROSENE	55-GAL DRUM	MIL-P-25576
9130-00 243-5403	PROPELLANT, UNS-DIMETHYLHY- DRAZINE JET FUEL, TYPE II (17% UDMH, 83% JP4)	315-LB DRUM	MIL-P-26694
9130-00 233-0748	PROPELLANT, UNS-DIMETHYLHY- DRAZINE JET FUEL, TYPE III	315-LB DRUM	MIL-P-26694
9130-00 359-2026	TURBINE FUEL, AVIATION, TYPE JET A	BULK	ASTM D-1655
9130-00 753-5026	TURBINE FUEL, AVIATION, TYPE JET A-1	BULK	ASTM D-1655
9130-00 256-8613	TURBINE FUEL, AVIATION, GRADE JP4, NATO CODE #F-40	BULK	MIL-T-5624
9130-00 256-8617	TURBINE FUEL, AVIATION, GRADE JP4, NATO CODE #F-40	55-GAL DRUM 18-GAGE	MIL-T-5624
9130-00 273-2380	TURBINE FUEL, AVIATION, GRADE JP4, NATO CODE #F-40	55-GAL DRUM 16-GAGE	MIL-T-5624
9130-00 873-3896	TURBINE FUEL, AVIATION, GRADE JP4, NATO CODE #F-40	500-GAL COLLAPSIBLE FABRIC DRUMS	MIL-T-5624
9130-00 273-2379	TURBINE FUEL, AVIATION, GRADE JP5, NATO CODE #F-44	BULK	MIL-T-5624

DFSCH 4120.1

9130-00 285-1294	TURBINE FUEL, AVIATION, GRADE JP5, NATO CODE #F-44	55-GAL DRUM 18-GAGE	MIL-T-5624
9130-01 031-5816	TURBINE FUEL, AVIATION, KEROSENE TYPE, GRADE JP8, NATO CODE #F-34	BULK	MIL-T-83133
9130-00 551-2264	TURBINE FUEL, AVIATION, THERMALLY STABLE	BULK	MIL-T-25524
9130-00 180-6385	TURBINE FUEL, LOW VOLATILITY, JP7	BULK	MIL-T-38219

*NOTE: VV-G-1690 is used primarily outside CONUS, while ASTM-D-439
is used in the U.S.

FSC 9140

9140-01 056-8320	FUEL, DIESEL, REFEREE GRADE, GRADE II, ENGINE ENDURANCE, REGULAR/WINTER GRADE	BULK	MIL-F-46162
9140-01 079-5805	FUEL, NAVAL DISTILLATE, NATO CODE #F-76	BULK	MIL-F-16884
9140-00 255-7764	FUEL, NAVAL DISTILLATE, NATO CODE #F-76	5-GAL CAN	MIL-F-16884
9140-00 273-2377	FUEL, NAVAL DISTILLATE	BULK	MIL-F-16884
9140-00 273-2378	FUEL, NAVAL DISTILLATE, NATO CODE #F-76	55-GAL DRUM 18-GAGE	MIL-F-16884
9140-00 274-1912	FUEL, NAVAL DISTILLATE, NATO CODE #F-76	55-GAL DRUM 16-GAGE	MIL-F-16884
9140-00 255-7764	FUEL, NAVAL DISTILLATE, NATO CODE #F-76	5-GAL CAN	MIL-F-16884
9140-00 873-3902	FUEL, NAVAL DISTILLATE, NATO CODE #F-76	500-GAL COLLAPSIBLE FABRIC DRUMS	MIL-F-16884
9140-00 247-4366	FUEL OIL, BURNER, GRADE NO. 1, DISTILLATE	BULK	ASTM-D-396
9140-00 247-4364	FUEL OIL, BURNER, GRADE NO. 1, DISTILLATE	55-GAL DRUM 18-GAGE	ASTM-D-396
9140-00 247-4367	FUEL OIL, BURNER, GRADE NO. 1, DISTILLATE	55-GAL DRUM 16-GAGE	ASTM-D-396

9140-00 247-4365	FUEL OIL, BURNER, GRADE NO. 2, DISTILLATE	BULK	ASTM-D-396
9140-00 247-4363	FUEL OIL, BURNER, GRADE NO. 2, DISTILLATE	55-GAL DRUM 18-GAGE	ASTM-D-396
9140-00 247-4362	FUEL OIL, BURNER, GRADE NO. 2, DISTILLATE	55-GAL DRUM 16-GAGE	ASTM-D-396
9140-00 247-4361	FUEL OIL, BURNER, GRADE NO. 4, LIGHT RESIDUAL OR HEAVY DISTILLATE	55-GAL DRUM 16-GAGE	ASTM-D-396
9140-00 247-4358	FUEL OIL, BURNER, GRADE NO. 4, LIGHT RESIDUAL OR HEAVY DISTILLATE	55-GAL DRUM 18-GAGE	ASTM-D-396
9140-01 107-6139	FUEL OIL, BURNER, GRADE NO. 4, LIGHT RESIDUAL OR HEAVY DISTILLATE	BULK	ASTM-D-396
9140-00 247-4360	FUEL OIL, BURNER, GRADE NO. 4, LIGHT RESIDUAL OR HEAVY DISTILLATE	BULK	ASTM-D-396
9140-00 247-4359	FUEL OIL, BURNER, GRADE NO. 5, HEAVY RESIDUAL	BULK	ASTM-D-396
9140-01 058-4431	FUEL OIL, BURNER, GRADE NO. 5, LIGHT RESIDUAL	BULK	ASTM-D-396
9140-00 247-4354	FUEL OIL, BURNER, GRADE NO. 6, RESIDUAL	BULK	ASTM-D-396
9140-00 256-8610	FUEL OIL, BURNER, NAVY SPECIAL, RESIDUAL, NATO CODE #F-77	BULK	MIL-F-859
9140-00 181-7719	FUEL OIL, BURNER, NAVY SPECIAL, LOW SULFUR RESIDUAL	BULK	MIL-F-859
9140-00 286-5285	FUEL OIL, DIESEL, ARCTIC GRADE, MILITARY SYMBOL DFA	55-GAL DRUM 18-GAGE TYPE II	VV-F-800
9140-00 286-5284	FUEL OIL, DIESEL, ARCTIC GRADE, MILITARY SYMBOL DFA	55-GAL DRUM 16-GAGE	VV-F-800
9140-00 286-5282	FUEL OIL, DIESEL, ARCTIC GRADE, MILITARY SYMBOL DFA	5-GAL CAN	VV-F-800
9140-00 286-5283	FUEL OIL, DIESEL, ARCTIC GRADE, MILITARY SYMBOL DFA	BULK	VV-F-800

DFSCH 4120.1

9140-00 286-5295	FUEL OIL, DIESEL, REGULAR GRADE, MILITARY SYMBOL DF-2, NATO CODE #F-54	5-GAL CAN	VV-F-800
9140-00 286-5297	FUEL OIL, DIESEL, REGULAR GRADE, MILITARY SYMBOL DF-2, NATO CODE #F-54	55-GAL DRUM 18-GAGE	VV-F-800
9140-00 286-5294	FUEL OIL, DIESEL, REGULAR GRADE, MILITARY SYMBOL DF-2, NATO CODE #F-54	BULK	VV-F-800
9140-00 286-5296	FUEL OIL, DIESEL, REGULAR GRADE, MILITARY SYMBOL DF-2, NATO CODE #F-54	55-GAL DRUM 16-GAGE	VV-F-800
9140-00 419-0450	FUEL OIL, DIESEL, WINTER GRADE, MILITARY SYMBOL DF-1	500-GAL COLLAPSIBLE FABRIC DRUMS	VV-F-800
9140-00 286-5286	FUEL OIL, DIESEL, WINTER GRADE, MILITARY SYMBOL DF-1	BULK	VV-F-800
9140-00 286-5287	FUEL OIL, DIESEL, WINTER GRADE, MILITARY SYMBOL DF-1	5-GAL CAN	VV-F-800
9140-00 286-5288	FUEL OIL, DIESEL, WINTER GRADE, MILITARY SYMBOL DF-1	55-GAL DRUM 16-GAGE	VV-F-800
9140-00 286-5289	FUEL OIL, DIESEL, WINTER GRADE, MILITARY SYMBOL DF-1	55-GAL DRUM 18-GAGE TYPE II	VV-F-800
9140-01 061-4631	HEATING FUEL, NO. 1	BULK	ASTM-D-396
9140-01 061-4632	HEATING FUEL, NO. 2	BULK	ASTM-D-396
9140-01 061-4633	HEATING FUEL, NO. 3	BULK	ASTM-D-396
9140-00 273-2394	KEROSENE, GRADE 2-K	55-GAL DRUM 16-GAGE	ASTM-D-3699
9140-00 242-6748	KEROSENE, GRADE 2-K	BULK	ASTM-D-3699
9140-00 242-6749	KEROSENE, GRADE 2-K	5-GAL CAN TYPE I	ASTM-D-3699

9140-00 242-6751	KEROSENE, GRADE 2-K	55-GAL DRUM 18-GAGE TYPE II	ASTM-D-3699
9140-00 261-7453	KEROSENE, DEODORIZED, GRADE 1-K	1-GAL CAN	ASTM-D-3699

CRUDE OILS/PRODUCTS FROM SHALE

9140-01 062-5536	FUEL OIL, DIESEL/DFM	BULK
9140-01 153-8177	HIGH NITROGEN HYDROCRACKER FEED	BULK
9140-01 153-8171	OIL, CRUDE/BITUMEN, TAR SANDS	55-GAL DRUM 18-GAGE
9140-01 062-5534	SHALE, CRUDE OIL	BULK
9140-01 153-8172	SHALE, CRUDE OIL	DR
9140-01 062-5537	SHALE, REFINED FUEL OIL, BURNER/RESIDUAL/FS6	BULK
9140-01 062-5531	SHALE, REFINED FUEL OIL, DIESEL/DF2	BULK
9140-01 153-3017	SHALE, REFINED FUEL OIL, DIESEL/DF2	55-GAL DRUM 18-GAGE
9140-01 153-8173	SHALE, REFINED FUEL OIL, DIESEL/DFM	DR BULK
9140-01 062-5532	SHALE, REFINED GASOLINE, REGULAR/NO LEAD	BULK
9140-01 153-8176	SHALE, REFINED GASOLINE, REGULAR/NO LEAD	55-GAL DRUM 18-GAGE
9140-01 062-5533	SHALE, REFINED TURBINE FUEL, AVIATION/JP4	BULK
9140-01 134-5135	SHALE, REFINED TURBINE FUEL, AVIATION/JP4	55-GAL DRUM 18-GAGE
9140-01 062-5535	SHALE, REFINED TURBINE FUEL, AVIATION/JP5	BULK

DFSCH 4120.1

9140-01 154-5136	SHALE, REFINED TURBINE FUEL, AVIATION/JP5	55-GAL DRUM 18-GAGE
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FSC 9150

9150-00 985-6986	LUBRICATING OIL MOBIL GARD 593	BULK	MOBIL OIL P/N MOBILGARD 593
9150-01 016-8770	LUBRICATING OIL, AIRCRAFT, PISTON ENGINE	BULK	AEROSHELL W120 OR TEXACO PRE- MIUM AD120
9150-00 753-5059	LUBRICATING OIL, AIRCRAFT, PISTON ENGINE, (ASHLESS DISPERSANT), TYPE II, NATO CODE #0-125	BULK	MIL-L-22851
9150-00 985-7031	LUBRICATING OIL, AIRCRAFT, TURBINE ENGINE PETROLEUM, GRADE 1010	BULK	MIL-L-6081
9150-00 181-8232	LUBRICATING OIL, ENGINE, MILITARY SYMBOL 9250	BULK	MIL-L-9000
9150-00 451-6947	LUBRICATING OIL, INTERNAL COMBUSTION ENGINE, ADMINISTRATIVE SERVICES GRADE 10W-30	BULK	MIL-L-46152
9150-00 183-7807	LUBRICATING OIL, INTERNAL COMBUSTION ENGINE, TACTICAL SERVICES GRADE OE/HDO-10	BULK	MIL-L-2104
9150-00 183-7808	LUBRICATING OIL, INTERNAL COMBUSTION ENGINE, TACTICAL SERVICES GRADE OE/HDO-30	BULK	MIL-L-2104
9150-00 405-2987	LUBRICATING OIL, INTERNAL COMBUSTION ENGINE, TACTICAL SERVICES GRADE OE/HDO-40	BULK	MIL-L-2104
9150-00 235-9064	LUBRICATING OIL, STEAM TURBINE (NONCORROSIVE), MIL SYMBOL 2190 TEP	BULK	MIL-L-17331
9150-00 823-8025	LUBRICATING OIL, STEAM TURBINE, PART #SOCONY MOBIL DTE, EXTRA HEAVY	BULK	SOCONYMOBIL- DTEEXTRAHEAVY

SECTION VILISTING OF PRODUCT SPECS

<u>SPEC NUMBER</u>	<u>TITLE OF SPEC</u>	<u>QUALIFICATION ACTIVITY</u>	<u>NATO SYMBOL</u>	<u>MILITARY SYMBOL</u>
		<u>MILITARY SPECS</u>		
MIL-F-859	FUEL OIL, BURNER, NAVY SPECIAL, RESIDUAL	----	F-77	----
MIL-F-16884	FUEL, NAVAL DISTILLATE	----	F-76	----
MIL-F-25558	FUEL, RAMJET ENGINE, GRADE RJ-1	----	----	RJ-1
MIL-F-46162	FUEL, DIESEL, REFEREE GRADE, GRADE II, ENGINE ENDURANCE REGULAR/WINTER GRADE	----	----	----
MIL-F-82522	FUEL, RAMJET ENGINE, T-H DIMER, GRADE RJ-4	----	----	----
MIL-G-3056	GASOLINE, AUTOMOTIVE, COMBAT, TYPE I TYPE II	---- ---- ----	---- F-46 ----	---- MOGAS ----
MIL-G-46015	GASOLINE, AUTOMOTIVE, COMBAT, REFEREE GRADE, GRADE I	----	----	----
MIL-G-53006	GASOHOL, AUTOMOTIVE, UNLEADED, REGULAR GRADE, LIMITED GRADE, PREMIUM GRADE	----	----	----
MIL-G-5572	GASOLINE, AVIATION, 80/87 100/130 115/145	---- ---- ---- ----	---- F-12 F-18 F-22	---- ---- ---- ----
MIL-I-27686	INHIBITOR, ICING FUEL SYSTEM ETHYLENE GLYCOL MONOMETHYL ETHER	----	S-748	----

DFSCH 4120.1

MIL-I-85470	INHIBITOR, ICING FUEL SYSTEM DIETHYLENE GLYCOL MONOMETHYL ETHER (HIGH FLASH)	----		----
MIL-L-2104	LUBRICATING OIL, INTERNAL COMBUSTION ENGINE, TACTICAL SERVICE, GRADE 10 GRADE 30 GRADE 40	A-MRDC ----- ----- -----	----- 0-237 0-238 -----	----- OE/HDO-10 OE/HDO-30 OE/HDO-40
MIL-L-22851	LUBRICATING OIL, AIRCRAFT, PISTON ENGINE, (ASHLESS DISPERSANT), TYPE II	NAVAIR -----	----- 0-125	----- LAD II
MIL-L-46152	LUBRICATING OIL, INTERNAL COMBUSTION ENGINE, ADMINISTRATIVE SERVICES GRADE 10W-30	A-MRDC -----	-----	-----
MIL-L-6081	LUBRICATING OIL, AIRCRAFT, TURBINE ENGINE, PETROLEUM	-----	0-133	1010
MIL-L-9000 (SHIPS)	LUBRICATING OIL, ENGINE	NAVSEA	0-278	9250
MIL-P-25576	PROPELLANT, KEROSENE	-----	-----	RP-1
MIL-P-26694 (USAF)	PROPELLANT, UNS- DIMETHYLHY-DRAZINE JET FUEL	-----	P-923	-----
MIL-T-25524 (USAF)	TURBINE FUEL, AVIATION, THERMALLY STABLE	-----	-----	JP-TS
MIL-T-38219 (USAF)	TURBINE FUEL, LOW VOLATILITY, JP7	-----	-----	-----
MIL-T-5624	TURBINE FUEL, AVIATION, NATO CODE #F-40, F-44 JP4 JP5	-----	-----	-----
MIL-T-83133	TURBINE FUEL, AVIATION, KEROSENE TYPE, GRADE JP8	-----	F-34	-----

FEDERAL SPECS

VV-F-800	FUEL OIL, DIESEL,			
	ARCTIC GRADE	----	----	DFA
	WINTER GRADE	----	----	DF-1
	REGULAR GRADE	----	F-54	DF-2
VV-G-1690- ASTM-D-439	GASOLINE, AUTOMOTIVE,			
	LEADED OR UNLEADED,	----	----	----
	LIMITED GRADE			
	REGULAR GRADE			
	PREMIUM GRADE			

COMMERCIAL SPECS

ASTM D-396	FUEL OIL, BURNER,			
	FUEL OIL #1	----	----	FS-1
	FUEL OIL #2	----	----	FS-2
	FUEL OIL #4 (LIGHT)	----	----	FL-4
	FUEL OIL #4 (HEAVY)	----	----	FS-4
	FUEL OIL #5 (LIGHT)	----	----	FL-5
	FUEL OIL #5 (HEAVY)	----	----	FS-5
	FUEL OIL #6	----	----	FS-6
ASTM D-1655	TURBINE FUEL, AVIATION,	----	----	----
	TYPE JET A			
	TYPE JET B			
	TYPE JET A-50			
ASTM D-3699	KEROSENE, DEODORIZED	----	----	----
	NO. 1-K			
	NO. 2-K			
ASTM D-484 OR AMS 3161	KEROSENE, DEODORIZED	----	----	----
Chevron Blazo	GASOLINE, UNLEADED	----	----	----
KSM 2612	GASOLINE, AUTOMOTIVE,	----	----	----
	COMBAT, KOREAN			
	INDUSTRIAL STANDARD,			
	COMMERCIAL METHOD,			
	CLASS I			
	CLASS II			
	CLASS III			
Soconymobil- dteextraheavy	LUBRICATING OIL,	----	----	----
	STEAM TURBINE, PART #			
	SOCONY MOBIL DTE,			
	EXTRA HEAVY			

SECTION VIILISTING OF SPECs FOR PACKAGING, PACKING, AND MARKING

<u>SPEC/STD NUMBER</u>	<u>TITLE OF SPEC/STD</u>
PPP-D-723	DRUMS, FIBER
PPP-D-729	DRUMS, METAL, 55-GAL (FOR SHIPMENT OF NONCORROSIVE MATERIAL)
PPP-D-1152	DRUMS, STEEL, 55-GAL, (24- AND 21-GAGE), REINFORCED
PPP-F-320	FIBERBOARD, CORRUGATED AND SOLIDS, SHEET STOCK (CONTAINER GRADE) AND CUT SHAPES
PPP-P-420	PLUGS AND FLANGES (FOR DRUM CLOSURES)
PPP-P-704	PAILS, METAL (SHIPPING, STEEL, 1- THRU 12-GALLON)
PPP-T-60	TAPE, PACKAGING, WATERPROOF
PP-T-97	TAPE, PRESSURE-SENSITIVE, ADHESIVE, FILAMENT, REINFORCED
PPP-T-1637	TUBES, SHIPPING, COLLAPSIBLE
QQ-S-781	STEEL STRAPPING, FLAT
TT-E-485	ENAMEL, SEMI-GLOSS, RUST-INHIBITING
TT-E-489	ENAMEL, ALKYD, GLOSS (FOR EXTERIOR AND INTERIOR SURFACES)
TT-E-515	ENAMEL, ALKYD, LUSTERLESS, QUICK-DRYING
TT-I-1795	INK, MARKING STENCIL, OPAQUE, FOR NON-POROUS SURFACES (METALS, GLASS, ETC.)
TT-L-26	LACQUER, CELLULOSE NITRATE, BRUSHING GLOSS
TT-L-40	LACQUER, LUSTERLESS, OBLITERATING
TT-V-121	VARNISH, SPAR, WATER-RESISTING
UU-T-81	TAGS, SHIPPING AND STOCK

SECTION VIIILISTING OF PUBLICATIONS OF SPECIAL INTEREST

<u>PUBLICATION IDENTITY</u>	<u>TITLE OF PUBLICATION</u>	
Federal Test Method STD No. 141 Change Notice 1	Paint, Varnish, Lacquer, and Related Materials; Methods of Inspections, Sampling, and Testing	(1)
MIL-STD-105 Change Notice 2	Sampling Procedures and Tables for Inspection by Attributes	(2)
MIL-STD-290	Packaging, Packing, and Marking of Petroleum and Related Products	(2)
MIL-STD-457	Frequency for Inspection and Cleaning of Petroleum Fuel Operating and Storage Tanks	(2)
FED-STD 595 and Change Notice 3 (ASG)	Colors	(1)
Federal Test Method STD No. 791 Change Notice 2	Lubricants, Liquid Fuels, and Related Products; Methods of Testing	(1)
DoDISS	Part I - Alphabetical Listing Part II - Numerical Listing	(3)
Department of Defense FSC Listing of DoD Standardization Documents		(4)
MIL-STD-140	Military Standard Procedure for DDM Normal Loss Expectancies for Petroleum Liquids	

NOTES:

(1) FED STDs listed below may be obtained from GSA, Specification Section, Rm. 609, 7th & D Streets, SW., Washington, DC 20407-0001.

FED-STD-141.....\$5.50 per copy (price subject to change)
 FED-STD-595.....\$5.50 per copy (price subject to change)
 FED-STD-791.....\$8.00 per copy (price subject to change)

(2) MIL-STD-290 may be obtained from the Commander, Naval Publications and Forms Center, ATTN: Code 1051, 5801 Tabor Avenue, Philadelphia, PA 19120-5002, on a no-cost basis.

(3) The DoDISS may be purchased from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402-4231. The annual subscription is \$65.00 (price subject to change).

(4) The DoD FSC Listing of DoD Standardization Documents may be purchased from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402-4231. The annual subscription is \$33.00 (price subject to change).

SECTION IXQUALIFICATION ACTIVITY CODES

<u>CODE</u>	<u>QUALIFICATION ACTIVITY</u>
	<u>ARMY</u>
A-MRDC	Commander U.S. Army Fort Belvoir Research and Engineering Development Command ATTN: STRBE-VF Ft. Belvoir, VA 22060-5000
A-AR	Commander U.S. Army Armament Research & Development Command ATTN: DRDAR-SCM-O Dover, NJ 07801-5001
A-MI	Commander U.S. Army Missile Research & Development Command ATTN: DRDMI-RSDS Redstone Arsenal, AL 35809-5001
	<u>NAVY</u>
NAVAIR	Commander Naval Air Systems Command ATTN: 53632F Washington, DC 20361-0001
NADC	Commanding Officer Naval Air Development Center (Code 60612) Warminster, PA 18974-5000
NAVSEA	Commander Naval Sea Systems Command ATTN: 05M4 Washington, DC 20362-5101
NAEC	Commanding Officer Naval Air Engineering Center ATTN: Code 912A1 Lakehurst, NJ 08733-5000

AIR FORCE

AF-APL

Commander
Air Force Systems Command
Aero Propulsion Laboratory
Wright-Patterson Air Force
Base, OH 45433-5001

AF-ML

Commander
Air Force Systems Command
AF Materials Laboratory
Wright-Patterson Air Force
Base, OH 43433-5001