

METRIC

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SUPERSEDING

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w/INT. AMENDMENT 1

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PERFORMANCE SPECIFICATION

ADDITIVE, LUBRICITY IMPROVER, DISTILLATE FUEL

This specification is approved for use by all Departments and Agencies of the Department of Defense.

1. SCOPE

1.1 Scope. This specification covers three grades of lubricity improver additives that are used in naval distillate fuels conforming to MIL-DTL-16884. Grade A and B additives are used either in finished fuel from a supplier, or to be stored as a neat product in Department of Defense (DoD) facilities. Grade C additives are used in finished fuel provided by suppliers of MIL-DTL-16884 and are not stored as a neat product in DoD facilities.

1.2 Classification. Lubricity improver additives are of the following grades, as specified (see 6.2).

- a. Grade A: Standard (acceptable down to 0 °C)
- b. Grade B: Cold weather compatible (acceptable down to -15 °C)
- c. Grade C: Blended in finished fuel product

2. APPLICABLE DOCUMENTS

2.1 General. The documents listed in this section are specified in sections 3 and 4 of this specification. This section does not include documents cited in other sections of this specification or recommended for additional information or as examples. While every effort has been made to ensure the completeness of this list, document users are cautioned that they must meet all specified requirements of documents cited in sections 3 and 4 of this specification, whether or not they are listed.

2.2 Government documents.

2.2.1 Specifications, standards, and handbooks. The following specifications, standards, and handbooks form a part of this document to the extent specified herein. Unless otherwise specified, the issues of these documents are those cited in the solicitation or contract.

DEPARTMENT OF DEFENSE SPECIFICATIONS

- MIL-PRF-2104 - Lubricating Oil, Internal Combustion Engine, Combat/Tactical Service
- MIL-DTL-5624 - Turbine Fuel, Aviation, Grades JP-4 and JP-5
- MIL-PRF-9000 - Lubricating Oil, Shipboard Internal Combustion Engine, High-Output Diesel

Comments, suggestions, or questions on this document should be addressed to Commander, Naval Sea Systems Command, ATTN: SEA 05S, 1333 Isaac Hull Avenue, SE, Stop 5160, Washington Navy Yard DC 20376-5160 or emailed to CommandStandards@navy.mil, with the subject line "Document Comment". Since contact information can change, you may want to verify the currency of this address information using the ASSIST Online database at <https://assist.dla.mil>.

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