

**C16.69-10 DIESEL FUEL SPECIFICATION (PC&S) (DLA ENERGY DEC 2016)**

NATIONAL STOCK NUMBER	PRODUCT NOMENCLATURE	DLA ENERGY PRODUCT CODE
9140-01-524-5174	Grade Number 1-D S15 (ULSD)	DS1

Supplies delivered under this contract shall conform to all Federal, State, and local environmental requirements applicable to the geographic location of the receiving activity on the date of delivery. This includes delivery of fuel and documentation in a manner consistent with any existing or after-imposed Title V (Clean Air Act) Permits. The list of such requirements contained in this contract is not intended to be a complete list, and the Contractor shall be responsible for determining the existence of all such requirements. Selected regional environmental requirements are highlighted in the SPECIFICATIONS (CONT'D) clause. In the event that a Federal, State, or local environmental requirement is more stringent than a fuel specification contained in this contract, the Contractor shall deliver product that complies with the more stringent fuel specification. Product that fails to meet the more stringent fuel specification will be considered to be a nonconforming supply. Product(s) to be supplied shall fully meet the requirements of the applicable specification(s) as cited below. In the event that compliance with the more stringent fuel specification causes the contractor to incur additional costs, the contractor may request an equitable adjustment.

Product shall conform to commercial specification ASTM D 975, Grade Number 1-D S15. In accordance with this specification, product shall be visually free of undissolved water, sediment, and suspended matter. Product classification is shown above.

**(a) ADDITIVES.**

- (1) A fuel stabilizer additive conforming to MIL-S-53021, latest revision, may be blended into the fuel to improve the suitability of fuel for long term storage. Permissible additive concentrations are specified in the latest revision of QPL-53021.
- (2) A corrosion inhibitor/lubricity improver additive may be blended into the fuel to inhibit corrosion and improve fuel lubricity. Permissible additive concentration limits are specified in the latest revision of QPL 25017.
- (3) A fuel system icing inhibitor may be blended into the fuel to purge small quantities of water from the fuel and prevent the formulation of ice crystals. The additive concentration shall not exceed 0.15 volume percent when tested in accordance with ASTM D 5006.

- (b) **BLENDING.** Blending one grade of diesel fuel with another grade, or other compatible components, to produce a different grade or a variation within a grade is permitted. However, such blending shall be accomplished by mechanical mixing or agitation in a tank, or in-line blending, prior to loading the product into transport equipment, and the resultant product must meet all the requirements of the desired fuel.

- (c) **LOW TEMPERATURE OPERABILITY / CLOUD POINT REQUIRMENTS.** The low temperature performance of diesel fuel shall be defined by the following property. Unless a more restrictive cloud point limit is specified in the contract schedule, the cloud point shall be equal to or lower than the tenth percentile minimum ambient temperature specified in Appendix X5 of ASTM D 975. **Within Alaska for activities where fuel support is limited to April-September, for example "JUN/JUL", "MAY 15 - JUN 15", "DURING SUMMER MONTHS", etc, and fuel will be used year-round in support of continuing operations, the cloud point shall be equal to or lower than the tenth percentile minimum temperature specified in Appendix X5 of ASTM D 975 for the month of January.**