



Product Overview

ArcticArmor523 is a cold flow improver for winter blend diesel fuels that is engineered to improve the low-temperature performance of the fuel and greatly improve winter operability. ArcticArmor523 prevents gelling and icing of diesel fuel by preventing paraffin wax precipitation, lowering the fuel's cloud point and by minimizing the size of the wax crystals.

Applications

ArcticArmor523 is formulated for today's diesel fuels and typical biodiesel blends. Its sulfur content does not exceed 15 ppm and complies with the federal low sulfur content requirements for use in diesel motor vehicles and non-road engines.

Benefits

- Prevents gelling & icing
- Enables the fuel to travel through the filter at temperatures 20°F/–6.6 °C below the cloud point
- Lowers cloud point by solubilizing paraffin nuclei as they begin to crystallize
- Minimizes the size of wax crystals & prevents paraffin wax precipitation



Typical Properties

PROPERTY OR TEST	ASTM	RESULT
API Gravity @ 60°F	D-287	26.60
Viscosity @ 40°F, CS	D-445	3.6
Flash Point, °F	D-92	151
Pour Point, °F	D-97	20
Appearance	n/a	Hazy Amber

Tariff Code: 3811.19.0000