

UNITED DL1

Product Description

Fully Synthetic light duty passenger diesel engine oil is specifically formulated to meet the requirements of JASO DL-1 and provides excellent control of deposits and wear in diesel engines operating under severe conditions. It is blended with high-quality synthetic base oils and an advanced core additive technology to ensure superior engine protection and enhanced performance through outstanding oxidation stability and shear control.

The product is developed for engines equipped with after-treatment systems, such as Diesel Particulate Filters (DPF) or catalytic converters to comply with stringent emission control regulations. It is suitable for use with diesel fuel containing sulfur content greater than 0.005%.

Applications / Benefits

- * Enhanced shear stability
- * Superior oxidation stability
- * Reduces component wear under severe operating conditions
- * Minimizes piston and ring deposits, helping maintain engine cleanliness

Typical Characteristics

Test Description	Method	Unit	
SAE Viscosity Grade	SAE J 300	-	5W30
Density @ 15 °C	ASTM D 4052	kg/L	0.852
Flash Point	ASTM D 92	°C	220
Pour Point	ASTM D 97	°C	-42
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	61.9
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	10.8
Viscosity Index	ASTM D 2270	-	167
TBN	ASTM D 2896	mgKOH/g	4.0

Specifications, Approvals & Recommendations

* JASO DL-1

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