



Research & Development

PRODUCT DATA SHEET

AXCL XDI3 DIESEL ENGINE OIL SEMI SYNTHETIC

PRODUCT DESCRIPTION

AXCL XDI3 SEMI SYNTHETIC DIESEL ENGINE OILS are multi grade oils formulated with the finest quality base oils for all on and off road heavy duty 4-stroke trucks, gasoline and diesel light trucks. It provides optimum protection for engines requiring multigrade Oil. The superior quality base oil provides excellent cold and high temperature properties. The additive package is specifically formulated to address the severe demands of a diesel engine's internal environment. Its stable TBN additive package neutralizes damaging acids produced during the combustion process.

PERFORMANCE LEVEL

API CI-4/CH-4/SJ , ACEA E7/E4, Mack EO-M Plus Cummins CES 20077/78, DAF Extended Drains MAN M 3277, MB- Approval 228.5 Volvo VDS-3, Renault Trucks RXD/RLD-2, Mack EO-N approval Scania LDF-2, MTU Oil Category 3

BENEFITS & ADVANTAGES

- Provides exceptional protection from piston deposits, oil thickening and valve train wear while minimizing engine sludge formation.
- Engineered to provide exceptional performance in engines operating under severe service conditions, including towing and hauling under high temperatures
- Special viscosity improvers, anti-wear, anti-oxidant and detergent additives protect, maintain cleanliness in hot running diesel engines Extended drain capability.
- Excellent high temperature properties.

SPECIFICATION & TECHNICAL PARAMETER

S#	Test	Method	Result	
1.	SAE GRADE	-	10W40	15W40
2.	Appearance	Visual	B&C	B&C
3.	Color	ASTM D 1500	L 2.5	L 3.5
4.	Kin. Viscosity @ 100 °C	D 445	14.50	14.40
5.	Kin. Viscosity @ 40 °C	D 445	95.2	97.0
6.	Density @ 15 °C	D 1298	0.87	0.87
7.	Viscosity Index	D 2270	158	153
8.	Pour Point °C	D 97	≤34	≤34
9.	Flash Point °C	D 92	≥ 230	≥ 235
10.	TBN, mg KOH / g	D 2896	≥10.8	≥10.8
11.	Foam Seq. I,II,III	D 892	0/0	0/0
12.	Apparent Viscosity, cP	ASTM D 5293	5580@ -25 °C	6900@ -20 °C

*Technical data provided here is for reference only. Minor variations in product typical test data are to be expected.

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