

## UNITED TURBO XD 9000

### PRODUCT DESCRIPTION

United Turbo XD 9000 is a premium grade diesel engine oil designed to exceed the lubrication requirements of the most modern diesel engines. It provides excellent protection for high performance diesel engines.

Extensive field-testing proves that United Turbo XD 9000 engine oil will minimize carbon deposits, which interfere operation efficiency in the piston ring zone. This reduced carbon build-up means less ring wear and cylinder bore polishing. The benefits of using United Turbo XD 9000 engine oil are less oil consumption, less ring breakage and less piston skirt scuffing. The acid neutralizing additives in United Turbo XD 9000 engine oil will also reduce

corrosion wear, even when using diesel fuel with relatively higher sulfur content.

### APPLICATIONS / BENEFITS

- ❑ Minimizes oil consumption.
- ❑ Protects against ring and cylinder wear.
- ❑ Keeps piston clean.
- ❑ Neutralizes acids from high sulfur fuel.
- ❑ Maintains efficient fuel consumption.

### TYPICAL CHARACTERISTICS

TEST DESCRIPTION	METHOD	TYPICAL RESULTS	
SAE Viscosity Grade	SAE J 300	15W40	20W50
Specific Gravity @ 15°C	ASTM D-4052	0.8852	0.8923
Flash Point, °C	ASTM D-92	216	230
Pour Point, °C	ASTM D-97	- 24	- 15
Kinematics Viscosity @ 40°C (cSt)	ASTM D-445	112.4	181.4
@ 100°C (cSt)	ASTM D-445	15.12	19.34
Viscosity Index	ASTM D-2270	140	122
TBN (mgKOH/g)	ASTM D-2896	12	12
Colour	ASTM D-1500	< 4.0	< 4.0

## PERFORMANCE STANDARDS

- API CG4/SL
- ACEA E2-96#4, B3-98, B4-98,A3-98
- Mercedes-Benz 229.1, 228.1
- VOLVO VDS
- MAN 270/271
- Mack EO-L
- MTU/DDC type 1 engine oil
- Allison C-4