

UNITED TURBO XD 9000 T

Today's technology trend of diesel engine is towards more environment conscious products with less gas emission and longer overhaul period. Coming along with these development, new devices like the Exhaust Gas Recirculation (EGR) rely much more on the performance of the engine oil being used. United Turbo XD 9000 T, the newest version of the United Turbo XD 9000 series high performance heavy diesel engine oil, is well positioned to address those needs.

Blended from selected base stocks and a high technology core additive package, United Turbo XD 9000 T Engine oil is truly a universal heavy duty diesel oil meeting the stringent Global DHD-1 specification that brings the European ACEA standard and American API performance together for the first time. This means United Turbo XD 9000 T Turbo Diesel is simply the top player for both the modern North American engines and the top-tier West European engines.

APPLICATIONS / BENEFITS

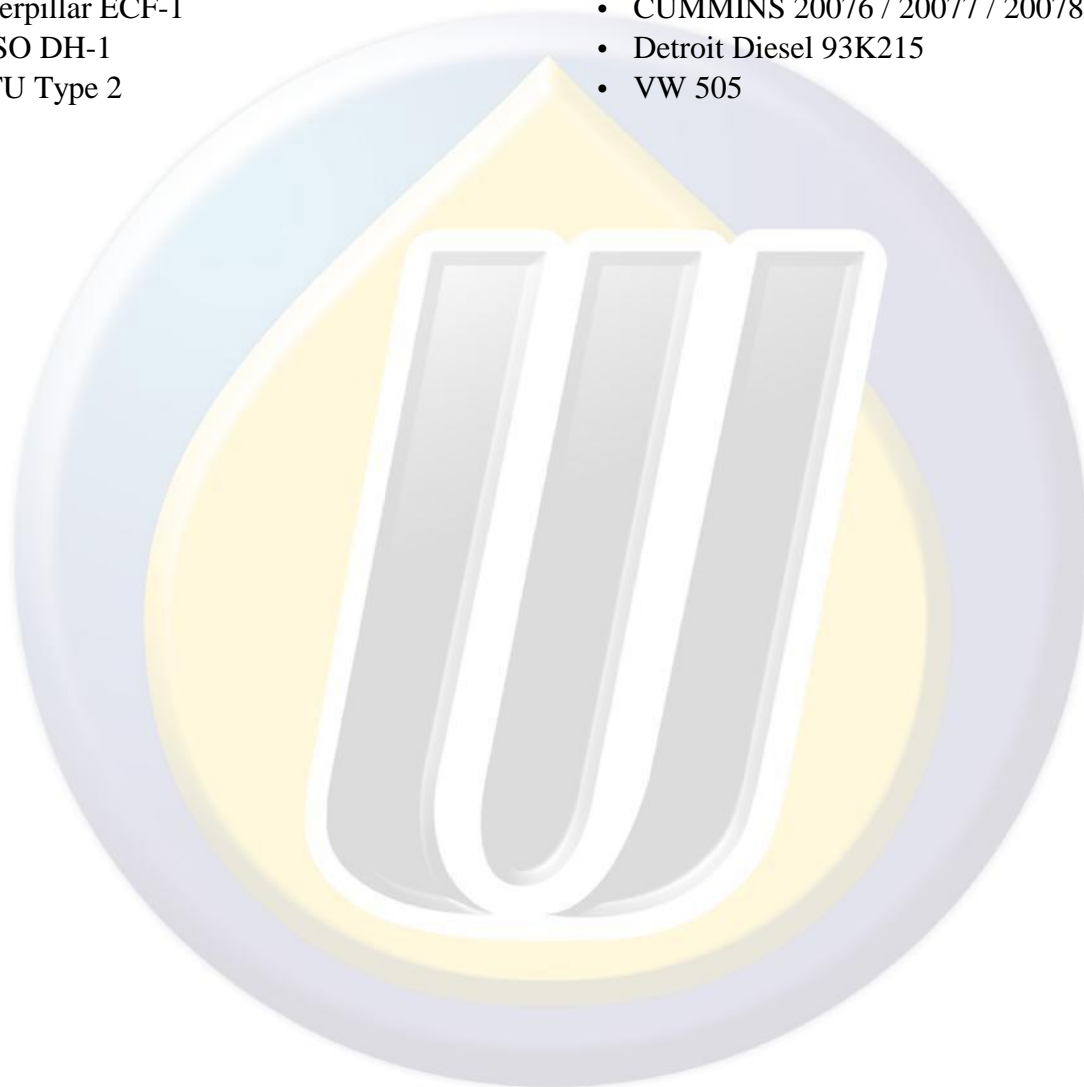
- Minimizes oil consumption.
- Satisfying most diesel engine OEM oil demand.
- Neutralizes acids from high sulfur fuel.
- Particular suitable for the latest diesel engine equipped with EGR

TYPICAL CHARACTERISTICS

TEST DESCRIPTION	METHOD	TYPICAL RESULTS	
SAE Viscosity Grade	SAE J 300	15W40	15W50
Specific Gravity @ 15 °C	ASTM D 4052	0.879	0.881
Flash Point, °C	ASTM D 92	230	232
Pour Point , °C	ASTM D 97	-33	-33
Kinematic Viscosity @40°C	ASTM D 445	113.8	146.5
@100°C	ASTM D 445	15.1	18.5
Viscosity Index	ASTM D 2270	138	142
TBN, (mgKOH/g)	ASTM D 2896	10	10
Color	ASTM D 1500	<3.0	<3.0

MEETS THE REQUIREMENTS OF

- API CI4/SL
- Mercedes-Benz 228.3
- Mack EO-L / EO-M / EO-M Plus
- Mercedes-Benz 229.1
- ACEA A3 / B4 / E3 / E5 / E7
- ZF TE-ML-04C
- Caterpillar ECF-1
- JASO DH-1
- MTU Type 2
- Allison C-4
- VOLVO VDS 3
- MAN 270 / 271
- MAN M3275
- GLOBAL DHD-1
- CUMMINS 20071 / 20072
- CUMMINS 20076 / 20077 / 20078
- Detroit Diesel 93K215
- VW 505



Technical Data Sheet