



UNITED XD PLUS SYNTHETIC BLEND

Product Description:

United XD Plus Synthetic Blend is a Super High Performance Diesel (SHPD) synthetic heavy-duty diesel engine oil delivering outstanding performance and durability by using the latest unique scientific technology. Developed to provide the ultimate protection for the latest low-emission heavy duty engines fitted with diesel particulate filter traps and other exhaust after-treatment devices, as well as providing the ultimate performance and protection for older engines from Europe, USA and Japan.

United XD Plus Synthetic Blend is truly a universal heavy duty diesel oil meeting the requirement of ACEA E7, API CI-4 , MB-Approval 228.3 and the stringent Global DHD-1 specification that brings the European ACEA standard and American API performance together for the first time.

Applications / Benefits:

- Minimizes oil consumption, very-long drain interval
- Superior valve train wears performance
- 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	10W30	15W40
SAE Viscosity Grade	SAE J 300		
Specific Gravity @ 15 °C	ASTM D 4052	0.880	0.885
Flash Point, °C	ASTM D 92	215	220
Pour Point , °C	ASTM D 97	-30	-27
Kinematic Viscosity, cSt @ 40°C	ASTM D 445	77.8	100.9
cSt @ 100°C	ASTM D 445	11.4	14.3
Viscosity Index	ASTM D 2270	138	145
TBN, mgKOH/g	ASTM D 2896	10.0	10.0
Color	ASTM D 1500	<3.0	<3.0



United Oil
PERFORMANCE • VALUE • RELIABILITY

Specifications, Approvals & Recommendations:

- 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
- VW 505
- Allison C-4
- VOLVO VDS 3
- MAN 270 / 271
- MAN M3275
- GLOBAL DHD-1
- CUMMINS 20071 / 20072
- CUMMINS 20076 / 20077 / 20078
- CUMMINS 20081
- Detroit Diesel 93K215

Product Data Sheet