



## UNITED XD 7000

### Product Description:

United XD 7000 diesel engine oil provides premium quality service in both diesel and gasoline engines. It is specially formulated for heavy-duty service in diesel engines found in both on-highway and off-highway vehicles and equipments.

United XD 7000 diesel engine oil is specially formulated with advanced dispersant technology to resist oil thickening caused by incomplete engine combustion, which generates soot. The dispersant minimizes sludge formation and effectively keeps particles in suspension to extend filter life.

United XD 7000 is recommended for use in over the road diesel trucks, heavy-duty construction equipment, oil field engines, farm vehicles and passenger diesel cars, as well as for mixed fleet operators to use a single line of motor oils for all vehicles.

### Applications / Benefits:

- ▣ Helps extend engine life.
- ▣ Recommended for both gasoline and diesel engines.
- ▣ Minimizes piston and combustion chamber deposits.
- ▣ Contains anti-corrosion agents.

### Typical Characteristics:

Test Description	Method	10W	30	40	50
SAE Viscosity Grade	SAE J 300	10W	30	40	50
Specific Gravity @ 15 °C	ASTM D 4052	0.875	0.877	0.882	0.884
Flash Point, °C	ASTM D 92	214	230	234	260
Pour Point, °C	ASTM D 97	-18	-15	-15	-12
Kinematic Viscosity, cSt @ 40°C	ASTM D 445	36.4	107	133.5	222.5
cSt @ 100°C	ASTM D 445	5.91	11.9	14.5	20.1
Viscosity Index	ASTM D 2270	107	100	108	104
TBN, mgKOH/g	ASTM D 2896	7.8	6.7	6.7	6.7
Color	ASTM D 1500	1.5	<2.0	<2.5	3.0

Product Data Sheet



**United Oil**  
PERFORMANCE • VALUE • RELIABILITY

### Typical Characteristics:

Test Description	Method	15W-40	20W-40	20W-50
SAE Viscosity Grade	SAE J 300			
Specific Gravity @ 15 °C	ASTM D 4052	0.875	0.879	0.880
Flash Point, °C	ASTM D 92	222	234	242
Pour Point, °C	ASTM D 97	-27	-21	-21
Kinematic Viscosity, cSt @ 40°C	ASTM D 445	117.8	137.8	176.5
cSt @ 100°C	ASTM D 445	15.1	15.4	18.8
Viscosity Index	ASTM D 2270	134	115	120
TBN, mgKOH/g	ASTM D 2896	7.8	7.8	7.8
Color	ASTM D 1500	<2.0	<2.0	<2.0

### Suggested for the following uses:

- API CF/CF-2/SF
- ACEA E2-96#5
- Allison C-3 / C-4
- MTU Type 1
- MB 228.0
- MIL-L-2104C
- Caterpillar TO-2
- MAN 270

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