



## UNITED XD 5000

### Product Description:

United XD 5000 Engine Oil is specially formulated to address the need of an economic product that possesses strong performance for the often heavily loaded diesel engines of the past generation.

United XD 5000 Engine Oil's viscosity and TBN value are optimized to enhance its performance at high temperature now commonly encountered in today's more powerful diesel engines. With exceptional high viscosity index, United XD 5000 gives better viscosity response towards temperature changes and therefore the engines can start much easier and oil can reach critical engine parts faster when the engine starts. The enriched and improved detergent contained in the United XD 5000 also reduces high temperature carbon deposit significantly, which in turn decreases oil consumption in long run. Higher base number of the product neutralizes acidic materials created during fuel combustion for longer run resulting in better protection from corrosion.

### Applications / Benefits:

- Promotes engine protection.
- Recommended for both gasoline and diesel engines.
- Maintains engines at design operating temperature.
- Contains anti-wear and anti-corrosion additives.
- Reduces oil consumption

### Typical Characteristics:

Test Description	Method	30	40	50	15W-40	20W-50
SAE Viscosity Grade	SAE J 300	30	40	50	15W-40	20W-50
Specific Gravity @ 15 °C	ASTM D 4052	0.874	0.881	0.889	0.872	0.877
Flash Point, °C	ASTM D 92	230	235	250	222	242
Pour Point, °C	ASTM D 97	-15	-15	-12	-27	-21
Kinematic Viscosity, cSt @ 40°C	ASTM D 445	100.0	138.6	222.5	115.1	175.1
cSt @ 100°C	ASTM D 445	11.5	14.8	20.1	15.0	18.8
Viscosity Index	ASTM D 2270	102	108	104	135	121
TBN, mgKOH/g	ASTM D 2896	6.7	6.7	6.7	6.7	6.7
Color	ASTM D 1500	1.5	<2.0	2.5	1.5	1.5

### Specifications, Approvals & Recommendations:

- API CD/SF

Product Data Sheet