

# UNITED XD 7000

## Product Description

**Hydrotreated heavy-duty engine oil providing premium quality service in both diesel and gasoline engines. It is specially formulated for heavy-duty diesel engines found in both on-highway and off-highway vehicles and equipments.**

This product is specially formulated with advanced dispersant technology to resist oil thickening caused by soot generated through incomplete engine combustion. The dispersant minimizes sludge formation and effectively keeps particles in suspension which helps to extend filter life.

This product is recommended for use in diesel trucks, heavy-duty construction equipment, oil field engines, farm vehicles and passenger diesel cars. It is also well-suited for mixed fleet operators who prefer to use a single line of motor oil for all suitable 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	Unit	30	40	50	15W40
SAE Viscosity Grade	SAE J 300	-	<b>30</b>	<b>40</b>	<b>50</b>	<b>15W40</b>
Density @ 15 °C	ASTM D 4052	kg/L	0.878	0.883	0.892	0.874
Flash Point	ASTM D 92	°C	246	234	260	222
Pour Point	ASTM D 97	°C	-18	-15	-12	-24
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	100	133	220	105
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	11.3	14.5	19.8	14.7
Viscosity Index	ASTM D 2270	-	99	108	104	146
TBN	ASTM D 2896	mgKOH/g	7.9	7.9	7.9	7.9

## Typical Characteristics

Test Description	Method	Unit	
SAE Viscosity Grade	SAE J 300	-	<b>20W50</b>
Density @ 15 °C	ASTM D 4052	kg/L	0.876
Flash Point	ASTM D 92	°C	242
Pour Point	ASTM D 97	°C	-18
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	158
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	19.1
Viscosity Index	ASTM D 2270	-	138
TBN	ASTM D 2896	mgKOH/g	7.9

## Specifications, Approvals & Recommendations

\* API

CF / SF

Reference No.  
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