

UNITED HYDRO 150

Product Description

Hydrotreated Diesel Engine Oil delivering premium-quality performance in both diesel and gasoline engines. It is specifically designed to meet the demands of heavy-duty diesel engines used in on-highway and off-highway vehicles and equipment.

This product is formulated using hydrotreated base stocks and advanced dispersant technology to prevent oil thickening caused by incomplete engine combustion, which leads to soot generation. The dispersant effectively minimizes sludge formation and keeps particles in suspension, thereby extending filter life.

It is recommended for use in over-the-road diesel trucks, heavy-duty construction equipment, oil field engines, farm vehicles, and passenger diesel cars. Additionally, it is ideal for mixed fleet operators seeking a single line of motor oils for all vehicle types.

Applications / Benefits

- * Enhances engine longevity
- * Recommended for both gasoline and diesel engines
- * Reduces piston and combustion chamber deposits
- * Contains anti-corrosion agents

Typical Characteristics

Test Description	Method	Unit	10W	30	40	50
SAE Viscosity Grade	SAE J 300	-	10W	30	40	50
Density @ 15 °C	ASTM D 4052	kg/L	0.8658	0.8847	0.8893	0.8931
Flash Point	ASTM D 92	°C	210	244	246	256
Pour Point	ASTM D 97	°C	-30	-18	-15	-12
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	33.81	106.3	139.2	213.9
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	5.854	11.83	14.69	19.58
Viscosity Index	ASTM D 2270	-	116	99	105	104
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	-	10W40	15W40	15W50	20W40
Density @ 15 °C	ASTM D 4052	kg/L	0.8633	0.8753	0.8755	0.8830
Flash Point	ASTM D 92	°C	218	222	226	240
Pour Point	ASTM D 97	°C	-30	-27	-27	-18
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	95.03	110.3	146.1	121.1
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	14.5	14.75	18.78	14.46
Viscosity Index	ASTM D 2270	-	158	138	145	120
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	-	20W50
Density @ 15 °C	ASTM D 4052	kg/L	0.8845
Flash Point	ASTM D 92	°C	242
Pour Point	ASTM D 97	°C	-18
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	178.5
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	19.52
Viscosity Index	ASTM D 2270	-	125
TBN	ASTM D 2896	mgKOH/g	7.9

Suggested for the Following Uses

* API	CF/SF
* ACEA	E2
* ALLISON	C3
* ALLISON	C4
* CATERPILLAR	TO-2
* MAN	270
* MERCEDES BENZ	228.0
* MIL	L-2104-C
* MTU	TYPE 1

 Reference No.
 4160G2CFSFREVI

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