



DURAGARD® IS A REGISTERED TM OF ADVANTAGE DIST. LLC, ROCH., MN 55904 Product Code: DUR30XX

DURAGARD®

DIAMOND PLATE® SAE 30WT SINGLE GRADE HEAVY DUTY ENGINE & TRANSMISSION OIL

ADVANCED TECHNOLOGY, ENGINE & GEAR LUBRICANTS

DURAGARD® SAE 30WT Single Grade Heavy Duty Engine Oil is formulated with select Group-II hydro cracked clear base oil blends that provide superior low temperature fluidity and extraordinary high temperature film strength that simply cannot be achieved using conventional mineral base oils. Various weights for mixed fleets requiring performance typical of API Service Classification CF-4/CF-2, CE, CDII/SH lubricants - gasoline or diesel. They provide high detergency levels, soot dispersancy, oxidation stability, and excellent wear protection. The SAE 30WT HD Engine Oil meets the performance requirements of typical of Allison C-4, Caterpillar TO-2 fluids, and the non-synthetic requirements typical of CD/GL-1 for Eaton / Fuller Road Ranger & Spicer / Dana transmissions.

DURAGARD® SAE 30WT Single Grade Heavy Duty Engine Oil is compounded from high viscosity index, specially hydro-co processed base oils combined with potent detergent-dispersants, anti-wear additives, anti-oxidants, defoamers, and pour-point depressant compounds. The superior high temperature volatility characteristics result in superior oil consumption control. Stay-in-grade shear stability enables the oil to maintain viscosity in severe high temperature and heavy load conditions. The direct benefit is *extended engine and component life*.

DURAGARD® SAE 30WT Single Grade Heavy Duty Engine Oil is formulated with less than 1.0% sulfated ash to meet the requirements typical of 2 cycle Detroit Diesel engines, and are dyed traditional amber color for visibility and leak identification.

Product Containers Available:

Bulk * 55 gal. drums * 30 gal. drums * 5 gal. pails *

Application Specifications:

DURAGARD® SAE 30WT Single Grade Heavy Duty Engine Oil

This product meets, or exceeds the requirements similar to the following manufacturers and global specifications:

Allis Chalmers
J.I. Case
Caterpillar 1-GZ, TO-2
Cummins NTC400
John Deere
Detroit Diesel CF-4/CF-2
Ford
GM-6094-M (30/40/50)

Mack Trucks EO-K/2
Massey Ferguson
Mercedes
Minneapolis-Moline
Oliver
Volvo
White

Typical Physical Specifications:

SAE Grade 30

Product Code: DUR30XX

INSPECTION INFORMATION	TEST METHOD	TYPICAL VALUE
Gravity, °API	ASTM D287	29.77
Specific Gravity @60°F (15.6°C)	ASTM D4052	0.8774
Viscosity @ 40°C cSt	ASTM D445	77.57
Viscosity @ 100°C cSt	ASTM D445	10.02
Viscosity Index	ASTM D2270	110
Pour Point °C (°F)	ASTM D5950	-30 °C (-22 °F)
Color	ASTM D1500	2.5
Zinc, wt. %	ASTM D5185	0.1
Phosphorus, wt. %	ASTM D5185	0.0914
Calcium, wt. %	ASTM D5185	0.966
Sulfur, wt. %	ASTM D4951	0.231
Magnesium, wt. %	ASTM D5185	0.0914
Sulfated Ash, wt. %	ASTM D874	1.03
Nitrogen, wt. %	ASTM D4629	0.061

Typical test data average values only, minor variations which do not affect product performance are to be expected during normal manufacturing.

READ ENTIRE SDS BULLETIN FOR HANDLING AND SAFETY INFORMATION

ADVANTAGE

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http://duragardoil.com/duragard_hd_30_1570_ghs.php