

## SAE 10W & 30W Motor Oil

**Description** Pride Plus Advantage 10W & 30W Motor Oils are HDMOs (Heavy Duty Motor Oil) SAE Single-Grade crankcase oils are formulated for diesel and gasoline engines. These oils are blended from selected and highly refined base stocks. They are compounded with detergents, dispersants, wear control elements, anti-oxidants, corrosion inhibitors, and a foam suppressant additive.

**Applications** Recommended for all major automotive diesel and four-cycle gasoline engines in all services and under all operating conditions. SAE grade 30 meets current API Service Classifications CF, CF-2/SM (including API Classification SJ and SL) and SAE Grade 10W meets API CF/SM; both comply with obsolete API classifications CD, CD-II, CE. These products meet the performance requirements of MIL-L-2104F (SAE 10W & 30W), MIL-L-46152D and conform to all major automobile manufacturers' and automotive/truck diesel engine builders' requirements, including Caterpillar, Cummins, Detroit Diesel-Allison, and Mack Truck. SAE 10W and SAE 30W meet the Allison Type C-3, C-4 transmission performance requirements recommended for hydraulic systems.

[Do not use in EMD Diesel Engines (railroad, marine) which require oil with <10 ppm zinc content].

Typical Properties	SAE Grade	10W	30W
	Automotive		
Viscosity, cSt			
At 40 C		42	114
At 100 C		6.5	11.8
Viscosity, SUS			
At 100 F		210	560
At 210 F		48	65
Viscosity Index		+90	+90
Flash Pt.,(COC) F		+400	+435
Pour Point, Deg F		-30	-5
Sulfated Ash, %wt		<1.0	<1.0
Neut. No., TBN-E (min)		7.5	7.5
Gravity, API @ 60F		27.9	26.5

**NOTE:** The values are representative of current production and may vary within modest ranges.