

## Product Data Sheet



# HB-1100 DURAFILM SYNTHETIC BLEND MULTIGRADE PCMO

API SP SAE GRADES: 5W-20, 5W-30, 10W-30, 10W-40, 20W-50, 5W-50

### DESCRIPTION:

Durafilm Synthetic Blend Multigrade Passenger Car Motor Oils (PCMO) have been formulated to provide engine protection under severe operating conditions. They are blended from highly refined hydroprocessed mineral oils and synthetic polymeric base stocks, compounded to provide outstanding protection against wear and corrosion, prevent oxidative thickening and inhibit promotion of engine acids, sludge and varnish deposits. These multi-grades can be used over a wide temperature range to provide easier cold weather starting and assist in help minimizing engine friction during start-up. They also provide added protection at higher-than-normal engine operating temperatures.

### APPLICATIONS:

Recommended for all major automotive gasoline engines, including those equipped with superchargers, used in passenger cars, light trucks, power boats, motorcycles and other mobile and stationary equipment. These oils also are used in a variety of commercial, industrial, and special mechanical system applications. All grades meet API Service Categories SP, SN, SM, SL, SJ/CF. SAE 5W-20, 5W-30, and 10W-30 are rated ILSAC: GF-6A "Energy Conserving". SAE 5W-50 provides operating conditions over an extreme temperature range.

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### Typical Properties

#### SAE GRADE

	<u>5W-20</u>	<u>5W-30</u>	<u>10W-30</u>	<u>10W-40</u>	<u>20W-50</u>	<u>5W-50</u>
Automotive						
Viscosity, cSt						
At 40 C	49.2	61.6	65.1	92.5	167.1	94.0
At 100 C	8.7	10.4	10.5	13.8	18.6	18.9
Viscosity Index	154	158	151	152	123	221
Flash Point, (COC) °F	+405	+410	+420	+420	+450	+420
°C	207	+210	+216	+216	+232	+216
Pour Point, °F	-40	-40	-35	-34	-25	-40
°C	-37	-37	-34	-33	-29	-37
Neut. No., TBN-E, ASTM D-2896	7.0	7.0	7.0	7.0	7.0	7.0
Gravity, API @ 60 F	33.5	33.1	31.0	30.5	29.1	31.0
Sulfated Ash, %wt.	<1.0	<1.0	< 1.0	< 1.0	< 1.0	<1.0

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