

Motosel SAE 20W-50

FULL SYNTHETIC

PREMIUM PROTECTION MOTOR OIL

MOTOSEL Full Synthetic SAE 20W50 Premium Protection Motor Oil

MOTOSEL Full Synthetic SAE 20W-50 Premium Protection Motor Oil is formulated to provide superior protection and performance in a wide variety of demanding applications. Its unique combination of synthetic base oils and a superior additive package results in a formulation that exceeds the requirements of most gasoline or diesel applications that call for 20W-50 motor oil. SAE 20W-50 is ideal for high-mileage vehicles and high-stress vehicles subject to hot temperatures, heavy hauling, trailer pulling or off-road use. It provides the extra anti-wear protection required by engines with flat-tappet cams and high-tension valve springs. Motosel Premium Protection Full Synthetic Motor Oil offers flexibility and performance beyond conventional oils.

Benefits

- Superior Wear Protection
- Wet-Clutch Compatible
- Resists Oxidation and High-Temperature Breakdown
- Extends Drain Intervals in Gasoline and Diesel Engines
- Exceeds SP service classification
- Increased fuel efficiency and performance
- Maximum engine cleanliness and protection

Applications

Use in air- and liquid-cooled, large or small gasoline and diesel engines, transmissions and chaincase applications where 20W-50 oils are required with any of the following specifications:

- API SP, SN PLUS, SN, SM, SL, SJ, SH, SG
- Caterpillar* ECF-1
- MAN* 271/3275
- Cummins* 20071/20072/20076/20077
- Volvo*, VDS-2, VDS
- Mack* EO-M+, EO-M
- ACEA A3/B3, E3, E5
- MB 228.1, 228.3, 229.1
- Detroit Diesel* 93K214



TYPICAL CHARACTERISTIC - 20W-50 FULL SYNTHETIC ENGINE OIL

| SAE GRADE | 20W-50 | |
|------------------------|------------|------------|
| API SERVICE | | SP |
| Flash Point, COC °C/°F | ASTM D92 | 230/446 |
| Pour Point, °C/°F | ASTM D97 | -33/-31 |
| Viscosity @ 40°C, cSt | ASTM D445 | 160.3 |
| Viscosity @ 100°C, cSt | ASTM D445 | 19.5 |
| Viscosity Index | ASTM D2270 | 139 |
| CCS, mPa-sec °C max | ASTM D5293 | 4636 @ -15 |
| Total Base No. TBN | ASTM D2896 | 12.1 |

Test Method ASTM - Typical test data are average values only. Minor variations, which do not affect performance, may occur.

HANDLING AND SAFETY INFORMATION - Refer to MOTOSEL (SDS) Safety Data Sheets for proper handling and safety information. Use the same care and handling as for any petroleum product. Nothing herein shall be deemed to constitute a warranty, express or implied, that said information or data are correct or that the products described are merchantable or fit for a particular purpose, or that said information, data or products can be used without infringing patents of third parties.



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