



5W-40 A3/B4 SN Full Synthetic Passenger Car Motor Oil

Meets the following performance specifications:

- API SN
- ACEA A3/B4-10 (2010)
- MB-Approval 226.5
- BMW Longlife-01
- Porsche A40
- Renault RN0710
- Renault RN0700
- Volkswagen VW50200 (2005)
- Volkswagen VW50500 (2005)

Physical Characteristics

| | Minimum | Target | Maximum |
|----------------------------|---------|--------|---------|
| COLD CRANK @ -30 °C | | 6500 | 6600 |
| FLASH POINT, °C, COC | | 230 | |
| LBS PER U.S. GAL @ 15.6 °C | | 7.15 | |
| LBS PER IMP GAL @ 15.6 °C | | 8.59 | |
| POUR POINT, °C | | -39 | |
| SPECIFIC GRAVITY @ 15.6 °C | 0.838 | 0.858 | 0.878 |
| VISCOSITY @ 100 °C, CST | 13.0 | 14.0 | 15.0 |
| VISCOSITY @ 40 °C, CST | | 78 | |

Chemical Characteristics

| | Minimum % Weight | Typical | Maximum % Weight |
|-----------------------|------------------|---------|------------------|
| BASE NUMBER (MGKOH/G) | | 11 | |
| CALCIUM | 0.293 | 0.326 | 0.359 |
| NITROGEN | | 0.13 | |
| PHOSPHORUS | 0.081 | 0.090 | 0.099 |
| SULFATED ASH | | 1.26 | |
| SULFUR | | 0.256 | |
| WATER | | | 0.30 |
| ZINC | 0.089 | 0.099 | 0.109 |

Unloading, storage and blending instructions

General handling instructions - US Global recommends, as a minimum, the use of neoprene or nitrile rubber gloves and safety glasses or chemical splash goggles. The Material Safety Data Sheet should be consulted for specific information and for information on health and safety when handling this product.

HANDLING AND SAFETY INFORMATION - Refer to US GLOBAL (MSDS) Material 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.