



## 5W-40 A3/B3 & A3/B4 SN Full Synthetic Passenger Car Motor Oil

Meets the following performance specifications:

- ACEA A3/B3 & A3/B4
- API SN/CF
- MB 229.3 (v2012.2)
- MB 229.5 (v2012.2)
- VW 502.00/505.00
- Porsche A40
- Renault RN 0710
- Renault RN 0700
- Opel GM-LL-A/B-025 (Demo)
- JASO MA2 (T903-2011)

### 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

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.