

Typical Characteristics

Typical Properties	SPECIFICATION BY OLG							
	SAE 0W-40	SAE 0W-60	SAE 5W-40	SAE 5W-30	SAE 5W-20	SAE 10W-40	SAE 15W-40	SAE 20W-50
Appearance	Clear, Transparent	Clear, Transparent	Clear, Transparent	Clear, Transparent	Clear, Transparent	Clear, Transparent	Clear, Transparent	Clear, Transparent
Colour (ASTM D 1500)	ASTM 2.0-2.5	ASTM 2.0-2.5	ASTM 2.5 MAX	ASTM 2.5 MAX	ASTM 2.5 MAX	ASTM 2.5 MAX	ASTM 2.5 -3.0	ASTM 2.5-3.0
Density @29.5 °C (ASTM D 1298)	0.83-0.84	0.83-0.84	0.835-0.85	0.835-0.85	0.835-0.85	0.865-0.875	0.875-0.880	0.880-0.885
Viscosity @ 40 °C (ASTM D 445)	80-90	140-160	80-90	60-70	40-50	95-105	100-110	150-170
Viscosity @100 °C (ASTM D 445)	13.5-14.5	22.5-23.5	13.5-14.5	11.0-12.0	8.0-9.0	14.0-14.8	14.5-15.0	18.0-19.0
Viscosity Index (ASTM D 2270)	>160	>160	>160	>150	>150	>160	>150	>125
CCS Viscosity @ -35 °C (ASTM D 5293)	<6200 cP at -35°C	<6200 cP at -35 °C	<6600 cP at -30 °C	<6600 cP at -30 °C	<6600 cP at -30 °C	<7000 cP at -25 °C	<7000 cP at -20 °C	<9500 cP at -15 °C
Pour point (ASTM D 97)	-45	-45	-39	-39	-39	-33	-27	-24
Flashpoint (ASTM D 92 & 93)	>210	>210	>200	>200	>200	>200	>210	>225
Total Base Number (ASTM D 92 & 93)	8	8	8.0-10.0	8.0-10.0	8.0-10.0	8.0-10.0	8.0-10.0	8.0-10.0
Sulfated Ash (Astm D 894)	<1.0	<1.0	0.8	0.8	0.8	0.8	<1.0	<1.0
Foaming Character(ASTM D 892)	5 ML/ O ML	5 ML/ O ML	5 ML/ 0 ML	5 ML/ 0 ML	5 ML/ 0 ML	5 ML/ 0 ML	5 ML/ 0 ML	5 ML/ 0 ML
	10 ML/ O ML	10 ML/ O ML	10 ML/ 5 ML	10 ML/ 5 ML	10 ML/ 5 ML	10 ML/ 5 ML	10 ML/ 5 ML	10 ML/ 5 ML
	5 ML/ O ML	5 ML/ O ML	5 ML/ 0 ML	5 ML/ 0 ML	5 ML/ 0 ML	5 ML/ 0 ML	5 ML/ 0 ML	5 ML/ 0 ML
Performance Standards	• API SN/CF • ILSAC GF-5 • ACEA A3/B4-12, C3-10 • MB 229.3 • BMW LL-04 • VW 502.00 • VW 505.00 • Renault RN 0700/0710 • Porsche A40	• API SN/CF • ILSAC GF-5 • ACEA A3/B4-12, C3-10 • VW 501.01 • VW 505.00	• API SN • ACEA A3/B4 • MB-229.3 • Approved under VW Standard 502.00 and VW Standard 505.00 • BMW LL-04 • Renault RN 0700/710 • Porsche A40	• API SN/CF • ILSAC GF-5 • ACEA A3/B4 & A5/B5-2012, C3-2012 • MB-229.3 • BMW LL-04 • VW 502.00 • VW -505.01 • Renault RN 0700/0710 • General Motors Dexo S1	• API SN/CF, ILSAC GF-5 • ACEA A3/B4 & A5/B5-2012, C3-2012 • MB-229.3 • VW 501.01, VW-505.00 - General Motors Dexo S1	• API SN/CF • ILSAC GF-5 • ACEA A5/B5-2012, C3-08 • MB 229.3 • VW 504.00 • VW 505.01 • Renault RN 0700 • Renault RN 0700/0710	• API SN/CF • ACEA A3/B4-2012 • MB 229.1 • VW 501.0 • VW -505.00 • BMW LL-04	• API SN/CF • ACEA A3/B4-2012 • MB 229.1 • VW 501.0 • VW 505.00