

Typical Characteristics

SI No	Typical Properties	SPECIFICATION BY OLG				
		SAE 5W-40	SAE 5W-30	SAE 10W-40	SAE 15W-40	SAE 20W-50
1	Appearance (Visual)	Clear, Transparent	Clear, Transparent	Clear, Transparent	Clear, Transparent	Clear, Transparent
2	Colour (ASTM D 1500)	ASTM 2.5 MAX	ASTM 2.5 MAX	ASTM 2.5 MAX	ASTM 2.5-3.0	ASTM 2.5-3.0
3	Density @29.5 °C, GM/ML (ASTM D 1298)	0.835-0.85	0.835-0.85	0.865-0.875	0.878-0.882	0.880-0.885
4	Viscosity @ 40 °C, cSt (ASTM D 445)	80-90	60-70	95-105	100-110	150-170
5	Viscosity @100 °C, cSt (ASTM D 445)	13.5-14.0	11.0-12.0	14.0-14.8	14.5-15.0	8.0-9.0
6	Viscosity Index (ASTM D 2270)	>160	>150	>150	>140	>150
7	CCS Viscosity, cP (ASTM D 5293)	<6600 cP at -30 OC	<6600 cP at -30 OC	<7000 cP at -25 OC	<7000 Cp at -20 OC	<9500 cP at -15 OC
8	Pour point, °C (ASTM D 97)	-39	-39	-33	-27	-24
9	Flashpoint, °C (ASTM D 92 & 93)	>200	>200	>200	>210	>225
10	Total Base Number, Mg. KOH/GM (ASTM D 2896)	7.6	7.6	7.6	7.6	7.6
11	Sulfated Ash (Astm D 894)	<1.0	<1.0	<1.0	1-1.2	1-1.2
12	Foaming Character (ASTM D 892)	10 ML/ 5 ML	10 ML/ 5 ML	10 ML/ 5 ML	10 ML/ 5 ML	10 ML/ 5 ML
		20 ML/ 10 ML	20 ML/ 10 ML	20 ML/ 10 ML	20 ML/ 10 ML	20 ML/ 10 ML
		10 ML/ 5 ML	10 ML/ 5 ML	10 ML/ 5 ML	10 ML/ 5 ML	10 ML/ 5 ML
13	Performance Standards	<ul style="list-style-type: none"> · API SL/CF · ILSAC GF-3 · ACEA A3/B4, C3-2012 · MB – Approval 229.3 · VW 502.00, VW505.01 · Renault RN 0700/0710 	<ul style="list-style-type: none"> · API SL/CF · ILSAC GF-3 · ACEA A3/B4 ,C3-2012 · MB –Approval 229.3 · VW 502.00, VW - 505.01 · Renault RN 0700/0710 	<ul style="list-style-type: none"> · API SL/CF · ILSAC GF-3 · ACEA A3/B4-2012, C3-08 · MB 229.3 · VW 504.00 · VW 505.01 · Renault RN 0700 	<ul style="list-style-type: none"> · API SL/CF · ACEA A3/B3-08 · MB 229.1 · VW 501.00 · VW505.00 	<ul style="list-style-type: none"> · API SL/CF · ACEA A3/B3-08 · MB 229.1 · VW 501.00 · VW505.00