

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, Trans- parent	Clear, Trans- parent	Clear, Trans- parent	Clear, Trans- parent	Clear, Trans- parent	Clear, Trans- parent	Clear, Trans- parent	Clear, Trans- parent
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	13.5-14.0	11.0-12.0	8.0-9.0	13.5-14.0	11.0-12.0	8.0-9.0
Viscosity Index	>160	>160	>160	>150	>150	>160	>150	>150
CCS Viscosity @ -35 °C (ASTM D 5293)	<6200 cP at -35 deg.c	<6200 cP at -35 deg.c	<6600 cP at -30 deg.c	<6600 cP at -30 deg.c	<6600 cP at -30 deg.c	<7000 cP at -25 deg.c	<7000 cP at -20 deg.c	<9500 cP at -15 deg.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/ O ML	5 ML/ O ML	5 ML/ O ML	5 ML/ O ML	5 ML/ O ML	5 ML/ O 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/ O ML	5 ML/ O ML	5 ML/ O ML	5 ML/ O ML	5 ML/ O ML	5 ML/ O ML
Performance Standards	API SN/CF	API SN/CF	API SN/CF	API SN/CF	API SN/CF, ILSAC GF-5	API SN/CF	API SN/CF	API SN/CF
	ILSAC GF-5	ILSAC GF-5	ILSAC GF-5	ILSAC GF-5	ACEA A3/ B4 & A5/B5-2012, C3-2012	ILSAC GF-5	ACEA A3/ B4-2012	ACEA A3/ B4-2012
	ACEA A3/B4- 12, C3-10	ACEA A3/B4- 12, C3-10	ACEA A3/B4, C3-2012	ACEA A3/B4 & A5/B5- 2012,	MB –Approval 229.3	ACEA A5/ B5-2012,	MB 229.1	MB 229.1
	MB 229.3	VW 501.01	MB – Ap- proval 229.3	C3-2012	VW 501.01,	C3-08	VW 501.0	VW 501.0
	BMW LL-04	VW 505.00	BMW LL-04	MB –Approv- al 229.3	VW -505.00	MB 229.3	VW -505.00	VW -505.00
	VW 502.00		VW 502.00, VW505.01	BMW LL-04	General Mo- tors Dexo S1	VW 504.00	BMW LL-04	
	VW 505.00		Renault RN 0700/710	VW 502.00,		VW 505.01	VW 502.00,	
	Renault RN 0700/0710		Porsche A40	VW -505.01		Renault RN 0700	VW -505.01	
	Porsche A40			Renault RN 0700/0710		Renault RN 0700/0710		
				General Motors Dexo S1				