

	Mobil 1 AFE	Mobil 1	Mobil 1 EP	Pennzoil Platinum	Pennzoil Ultra	Valvoline Synpower	Castrol Edge Syntec	Castrol Edge Titanium	QSUD
SAE Grade	0W-30	5W-30	5W-30	5w-30	5w-30	5W-30	5W-30	5w-30	5w-30
Viscosity @ 100°C, cSt (ASTM D445)	10.9	11	10.6	10.3	10.3	10.5	10.7	9.8	10.53
Viscosity, @ 40°C, cSt (ASTM D445)	62.9	61.7	59.8	57.5	57.5	59	62.64	OK	58.5
Viscosity Index	166	172	169	169	169	169	159	166	172
HTHS Viscosity, mPa•s @ 150°C (ASTM D4683)	3	3.1	3	3.1	3.1		2.9	ok	3
Flash Point, °C (ASTM D92)	226	230	230	224	224	223	>200	ok	226.7
Pour Point, °C (ASTM D97)	-50	-42	-40	-39	-45	-42	-39	-33	-45
MRV @ x °C (ASTM D4684)	13250 @-40C			14,800 (-35)	13000 (-35)	18000 @-35C	40000 (-35)	ok	12800 (-35)
CCS cP (°C)				5150 (-35)	5150 (-35)	4300 @-30C	6600 @-30C	ok	3980 (-30)
Phosphorous (ASTM D4951)	0.065					0.076			
Sulfated Ash, wt%, (ASTM D874)	0.9	0.8	0.8			0.93			
Density @15.6 °C, g/ml (ASTM D4052)	0.842	0.855				0.8473	0.856	0.865	0.851
Total Base Number (ASTM D2896)	9.1					8.7			
NOACK %Loss				12.5	11.9	10			12.3
ACEA A1/B1	x	x	x	A1		A1	A1B1	x	A1
ACEA A5/B5	x	x	x	B1-08		A5	A5B5	x	A5-02
API	SN,SL,SJ	SN, SM, SL,SJ	SN,SM,SL ,SJ, EC,CF	SN	SM	SN/SM	SN,SM,SL ,SJ	SJ-SN	SN
ILSAC	GF-5	GF-5	GF-5	GF-5	GF-5	GF-5	GF3-5	GF3-5	GF-5
Ford WSS-M2C946-A	x	x	x	x		x	x	x	x
GM Dexos1		x	x			x	x	x	
Honda / Acura HT-06		x	x	x	x				
Ford WSS-M2C929-A	x	x	x		x		x	x	
GM 4718M	x	x	x	x	x	x		x	x
GM 6094M	x	x	x	x	x	x		x	x
API-CF	x		x						