



Synthetic Blend Motor Oils

SAE 5W-20, SAE 5W-30, SAE 10W-30

Benefits:

- API Service SN PLUS / ILSAC GF-5
- Excellent anti-wear properties
- Compatible with conventional motor oils
- Improves catalytic converter longevity and performance
- Outstanding low-temperature fluidity and engine protection for cold-temperature operation
- Improved protection against viscosity and thermal breakdown at high temperatures

Applications:

- Designed for today's higher-revving, hotter-running engines.
- Back-serviceable in applications where oils of API SM, SL or SJ quality are specified.
- Where SN PLUS/ILSAC GF-5 oils are required
- In most turbo-charged gasoline passenger car engines
- Meets Ford's performance standards WSS-M2C945-A (SAE 5W-20) and WSS-M2C946-A (SAE 5W-30)

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SAE Grade	Test Method	5W-20	5W-30	10W-30
API Service		SN PLUS / GF-5	SN PLUS / GF-5	SN PLUS / GF-5
API Gravity, 60°F	ASTM D-4052	33.4	33.3	32.7
Density, lbs/gal (g/L)	Calculated	7.154	7.159	7.182
Viscosity, cSt @ 40°C	ASTM D-445	47.40	59.5	67.4
Viscosity, cSt @ 100°C	ASTM D-445	8.15	9.82	10.65
Viscosity Index	ASTM D-2270	145	151	147
CCS @ -25°C, cP	ASTM D-5293	----	----	4,060
CCS @ -30°C, cP	ASTM D-5293	5,460	6,010	----
MRV @ -30°C, cP	ASTM D-4684	----	----	15,000
MRV @ -35°C, cP	ASTM D-4684	16,700	20,800	----
Pour Point, °F	ASTM D-5949	-42	-42	-42
Flash Point, °F	ASTM D-92	460	460	460
Color	ASTM D-1500	2.0	2.0	1.5
TBN	ASTM D-2896	7.7	7.7	7.7
Sulfated Ash, wt. %	ASTM D-874	0.85	0.85	0.85
Product Code		7142	7143	7168

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