



Synthetic Blend Motor Oils

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

Synthetic Blend Motor Oils

Benefits:

- API Service SN 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-servicable in applications where oils of API SM, SL or SJ quality are specified.
- Where ILSAC GF-5 oils are required
- Where API SN oils are desired
- 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 / GF-5 | SN / GF-5 | SN / GF-5 |
| API Gravity, 60°F | ASTM D-4052 | 33.0 | 33.0 | 33.8 |
| Density, lbs/gal (g/L) | Calculated | 7.18 (860) | 7.18 (860) | 7.26 (870) |
| Viscosity, cSt @ 40°C | ASTM D-445 | 50.4 | 50.4 | 70 |
| Viscosity, cSt @ 100°C | ASTM D-445 | 8.8 | 10.7 | 11.0 |
| Viscosity Index | ASTM D-2270 | 152 | 158 | 146 |
| CCS @ -25°C, cP | ASTM D-5293 | ---- | ---- | 6000 |
| CCS @ -30°C, cP | ASTM D-5293 | 5800 | 6200 | ---- |
| MRV @ -30°C, cP | ASTM D-4684 | ---- | ---- | 34,700 |
| MRV @ -35°C, cP | ASTM D-4684 | 20,800 | 27,200 | ---- |
| Pour Point, °F (°C) | ASTM D-5949 | -49 (-45) | -49 (-45) | -33 (-36) |
| Flash Point, °F (°C) | ASTM D-92 | 420 (216) | 430 (221) | 430 (221) |
| Color | ASTM D-1500 | 2.0 | 2.0 | 1.5 |
| TBN | ASTM D-2896 | 7.2 | 7.2 | 7.2 |
| Sulfated Ash, wt. % | ASTM D-874 | 0.85 | 0.85 | 0.85 |
| Product Code | | 7142 | 7143 | 7168 |

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