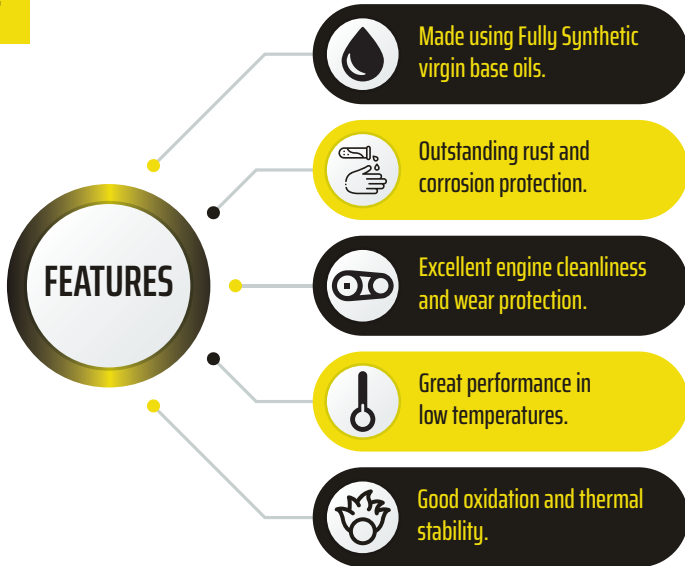




SHIELD - GASOLINE ENGINE OIL SAE 5W40 - FULLY SYNTHETIC

DESCRIPTION

Shield's Gasoline Engine Oil SAE 5W40 Fully Synthetic is blended from premium quality virgin, synthetic base oils and advanced additives that offer the best possible lubrication. It assures excellent protection against high temperature engine deposits, oil degradation, and it forms a thick oil film that protects the engine parts from friction and wear.



PERFORMANCE LEVELS:

- API SN, SM, SL, SJ
- CCMC D4/D5
- ACEA E3-96
- VW 500.00, 505.00
- Daimler Mercedes-Benz MB 229.3

APPLICATIONS:

The Shield SAE 5W40 Fully Synthetic is recommended for gasoline-fueled passenger cars, light trucks and sport utility vehicles operating under extremely low and high temperature conditions, where a Fully Synthetic SAE 5W40 engine oil is specified.

TYPICAL PHYSICAL PROPERTIES

| SL# | Characteristics Unit | Test Method | 5W40 SN | 5W40 SM | 5W40 SL | 5W40 SJ |
|-----|----------------------------|-------------|---------|---------|---------|---------|
| 1 | Density @ 15°C | ASTM D 1298 | 0.8460 | 0.8460 | 0.8460 | 0.8460 |
| 2 | Viscosity @ 40°C, cSt | ASTM D 445 | 82 | 82 | 82 | 82 |
| 3 | Viscosity @ 100°C, cSt | ASTM D 445 | 15 | 15 | 15 | 15 |
| 4 | Viscosity Index | ASTM D 2270 | 193 | 193 | 193 | 193 |
| 5 | Flash Point COC, °C | ASTM D 92 | 220 | 220 | 220 | 220 |
| 6 | Pour Point, °C | ASTM D 97 | -42 | -42 | -42 | -42 |
| 7 | Total Base Number, mgKOH/g | ASTM D 2896 | 9 | 9 | 9 | 9 |
| 8 | Color | ASTM D 1500 | 1.0 | 1.0 | 1.0 | 1.0 |
| 9 | Appearance | ASTM D 4176 | C & B | C & B | C & B | C & B |

* Exact specifications may slightly vary from the above, but within the international standards