

SYNPOWER™ SAE 10W-50

SynPower™ SAE 10W-50 is specially designed for vehicles requiring a high performance full synthetic lubricant. It's unique anti-wear, detergent and dispersant chemistry minimises wear and keeps your engine factory clean for longer engine life. Designed for high performance application 4, 6, V6, V8, naturally aspirated, supercharged & turbocharged engines.

Specifications and Approvals

Synpower™ SAE 10W-50*

SAE 10W-50

API SP

ACEA A3/B4

*Check owners' manual before use.

Applications

This synthetic lubricant oil is specially designed for vehicles with the focus to enhance engine durability. Its high-performance attributes make it suitable for a range of high performance naturally aspirated, turbocharged and supercharged European, Japanese and North American applications.

Also, suitable for other passenger cars where for API CF, is recommended. Please consult the owners' manual before use.

Features and benefits:

Optimum performance

Exclusive chemistry reduces internal friction and enhances power output. Compatible with vehicles using unleaded, E10 and E85

Breakdown resistance

Enhanced thermal and oxidation stability resists oil breakdown. High viscosity for improved oil film strength and reduced oil consumption

Wear protection

Zinc additive package provides tough anti-wear protection. Excellent wear protection enhances engine life without adversely effecting emissions system

Protection under extreme conditions

Chemistry delivers enhanced protection under high temperatures. Formulated with enhanced anti-foam system for superior protection at high rpm.

Engine Cleanliness

Keeps the engine clean, protects against sludge and deposit formation for maximum protection.

Keeping the world moving since 1866™

Serving more than 100 countries around the globe, Valvoline is a leading marketer, distributor and producer of quality branded automotive and industrial products and services. Products include automotive lubricants including MaxLife™, the first motor oil specifically formulated for higher-mileage vehicles; transmission fluids; gear oils; hydraulic lubricants; automotive chemicals; specialty products; greases, and cooling system products.

For more information on Valvoline products, programs and services please visit www.valvoline.com.au or contact the Technical Hotline on 1800 804 658 for product recommendations.

Typical Properties

Typical property characteristics are based on current production. Whilst future production will conform to Valvoline™ specifications, variations in these characteristics may occur.

| SynPower™ SAE 10W-50 | Typical |
|---|---------|
| SAE Viscosity Grade | 10W-50 |
| Viscosity @ 100 °C, mm ² /s, ASTM D445 | 17.5 |
| Viscosity @ 40 °C, mm ² /s, ASTM D445 | 117 |
| Viscosity Index, ASTM D2270 | 164 |
| Density @ 15 °C, kg/L, ASTM D4052 | 0.8609 |
| Total Base Number, mg KOH/g, ASTM D2896 | 9.32 |
| CCS Viscosity, mPa.s @ -25 °C, ASTM D5293 | 5700 |
| Flash Point (COC), °C, ASTM D92 | 242 |
| Pour Point, °C, ASTM D5950 | -39 |

Note: SynPower™ SAE 10W-50 engine oil may be unsuitable for use in some engines, always consult owners' manual if in doubt.

This information only applies to products manufactured in the following location(s): Australia

| Part Number | Pack Size |
|-------------|-----------|
| 1165.01 | 1L |
| 1165.05 | 5L |
| 1165.51 | 205L |

Health and Safety

This product is not likely to present any significant health or safety hazards when used correctly in the right application. Safety Data Sheet (SDS) is available on request via your local sales office or 1800 804 658 or through our website www.valvoline.com.au

Protect the Environment

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

Storage

Storage We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60 °C, exposed to hot sun or freezing conditions.

Author:

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