

Product Information



A PRODUCT OF ASHLAND CONSUMER MARKETS, A COMMERCIAL UNIT OF ASHLAND INC.

Lubricants - Engine Oil - Passenger Car Motor Oils

Version: 1186, 1293/03

SynPower™ MST

Premium full synthetic passenger car motor oil

- Low SAPS technology for latest Euro IV and V requirements

SynPower MST is specially designed for vehicles requiring a high performance full synthetic lubricant to meet the latest European emission requirements. SynPower MST is low SAPS (Sulphated Ash, Phosphorus, Sulphur) technology and is safe for use in petrol engines fitted with TWC (three way catalyst) systems and diesel engines fitted with DPF (diesel particle filter) emission systems. It's unique anti-wear, detergent and dispersant chemistry minimises wear and keeps your engine factory clean for longer engine life.

Specifications and Approvals

| Performance Levels/Approvals SAE Viscosity Grade 5W-30 | SAE Viscosity Grade 5W-40 |
|---|----------------------------------|
| API SN /CF | API SN /CF |
| ACEA A3/B3/B4 | ACEA A3/B3/B4, ACEA C3 |
| ACEA C3 | ACEA C3 |
| GM-LL-B-025 | |
| MB 229.51 | MB 229.51 |
| VW 505.01, 502.00 505.00 | VW 505.01, 502.00 505.00 |
| BMW Long Life 04 | BMW Long Life 04 |
| dexos 2 | dexos 2 |

¹Check owners' manual before use.

Applications

This synthetic lubricant oil is specially designed for vehicles with the focus to enhance engine durability, while maintaining long drain intervals.

Please consult the owners' manual before use.

Features and Benefits

- **Superior Protection**

Through use of synthetic base oil technology SynPower MST fights the three major causes of engine stress – heat, deposits and wear.

- **Viscosity Control**

Low temperature viscosity results in easy cold start and enhanced durability. Shear stability, improved film strength at extreme temperatures compared to non synthetic products

- **Emission System Protection**

Lows SAPS technology, safe for use in petrol engines fitted with TWC (three way catalyst) systems and diesel engines fitted with DPF (diesel particle filter) emission systems.

- **Wear protection**

Excellent wear protection enhances engine life without adversely effecting emissions system life-time.

Product Information



A PRODUCT OF ASHLAND CONSUMER MARKETS, A COMMERCIAL UNIT OF ASHLAND INC.

Health and Safety

This product is not likely to present any significant health or safety hazards when used correctly in the right application. A Material and Safety Data Sheet (MSDS) 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.

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 MST | | |
|--|--------------|--------------|
| SAE Viscosity Grade | 5W-30 | 5W-40 |
| Viscosity @ 100 °C, mm²/s, ASTM D445 | 11.6 | 13.9 |
| Viscosity @ 40 °C, mm²/s, ASTM D445 | 68.2 | 83.7 |
| Viscosity Index, ASTM D2270 | 165 | 171 |
| Density @ 15C, kg/L, ASTM D4052 | 0.850 | 0.850 |
| CCS Viscosity, mPa.s @ -30° C, ASTM D5293 | 5900 | 5500 |
| Base Number, mg KOH/g, ASTM D2896 | 6.8 | 7.4 |
| Pour Point, °C, ASTM D5950 | -36 | -42 |
| Flash Point (COC), °C, ASTM D92 | 236 | 212 |

Note: SynPower MST motor oil may be unsuitable for use in some engines, consult owners' manual if in doubt.

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

| Part Number | Part Number | Pack Size |
|--------------------|--------------------|------------------|
| 5W-30 | 5W-40 | |
| 1186.20 | 1293.20 | 20 L |
| 1186.51 | | 205L |
| | 1293.28 | 208L |

People Who Know, Use Valvoline™

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

Author:

FM – Effective 7-05-2013

Replaces -1186, 1293/02