

## SYNPOWER™ SAE 5W-30

SynPower™ SAE 5W-30 is a low viscosity full synthetic motor oil formulated with a combination of premium synthetic and quality base stocks and advanced additive technology designed for modern engines. SynPower™ SAE 5W-30 is approved against GM dexos1™ Gen 2 petrol engine oil specification as well as meeting the latest API SP specification and ILSAC GF-6A fuel efficiency requirements.

SynPower™ SAE 5W-30 meets the latest industry standards of API SP and ILSAC GF-6A, specially developed to help prevent Low-Speed Pre-Ignition (LSPI) issues in turbo charged gasoline direct injection (TGDI) engines and gasoline direct injection (GDI) engines. API SP, is fully backwards compatible with API SN Plus/RC and can be used where API SN, SM, SL and SJ is recommended

SynPower™ SAE 5W-30 provide protection under various service conditions and meet the performance requirements of naturally aspirated, turbocharged and supercharged petrol passenger cars, passenger SUV's and light commercial vehicles. Suitable for use in a variety of manufacturer's petrol engines such as Holden, Ford, Nissan, Toyota, Mazda, Subaru and more.

### Specifications and Approvals

| Synpower™ SAE 5W-30*  |
|---|
| API SP  |
| API SN Plus / RC  |
| API SM  |
| API SL  |
| ILSAC GF-6A,  |
| ILSAC GF-5  |
| ILSAC GF-4**  |
| Resource Conserving (RC)                                    |
| GM dexos1™ Gen 3 <b>Approved</b><br>(License # D335AWDF103) |
| Chrysler MS-6395  |
| Ford WSS-M2C-961-A1   |
| Ford WSS M2C-946-B1   |
| Ford WSS-M2C-946-A  |
| Ford WSS-M2C-929-A**  |
| GM4718M**   |
| GM6094M**   |

\*Check owners' manual before use.

### Applications

SynPower™ SAE 5W-30 is specially designed for use in modern petrol vehicles with the focus to reduce exhaust emissions, engine durability and improve fuel efficiency. SynPower™ SAE 5W-30 is approved against GM dexos1™ Gen 3. GM dexos1™ Gen 3 supersedes a range of previous GM dexos1™ Gen 2 and dexos1™ gasoline engine oils.

Also, suitable for other passenger cars where for API SN Plus, SN, SM or ILSAC GF-5 and GF-4 is recommended.

Please always consult the vehicle owners' manual before use.

Not recommended for use in diesel fuelled engines.  
\*\*Obsolete Specification

### Features and Benefits

#### Superior Protection

Synpower SAE 5W-30 engine oil fights the major causes of engine stress, heat, deposits and wear from Start-up to Shut down.

#### Wide operating conditions

Suitable for use in naturally aspirated and turbocharged gasoline and light duty diesel engines in passenger cars and light commercial vehicles

#### Excellent cold start properties

Low temperature viscosity control results in easy cold start whilst providing maximum cold start protection

#### Advanced additive system

Provides excellent wear protection and enhances engine life without effecting emissions system life-time.

#### Viscosity Control

Delivers enhanced durability and lower oil consumption.

#### Protects from LSPI

Specially developed in response to OEMs calling for engine oils which can help prevent Low-Speed Pre-Ignition (LSPI) issues in turbo charged gasoline direct injection (TGDI) engines and gasoline direct injection (GDI) engines.

## 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](http://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 5W-30                               | Typical |
|---|---------|
| SAE Viscosity Grade                               | 5W-30   |
| Viscosity @ 100 °C, mm <sup>2</sup> /s, ASTM D445 | 10.10   |
| Viscosity @ 40 °C, mm <sup>2</sup> /s, ASTM D445  | 59.28   |
| Viscosity Index, ASTM D2270                       | 159     |
| Density @ 15 °C, kg/L, ASTM D4052                 | 0.8525  |
| Total Base Number, mg KOH/g, ASTM D2896           | 7.67    |
| CCS Viscosity, mPa.s @ -30 °C, ASTM D5293         | 5600    |
| Flash Point (COC), °C, ASTM D92                   | 230     |
| Pour Point, °C, ASTM D5950                        | -45     |

Note: SynPower™ SAE 5W-30 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 |
|-------------|-----------|
| 1299.01     | 1L        |
| 1299.05     | 5L        |
| 1299.06     | 6L        |
| 1299.20     | 20L       |
| 1299.52     | 60L       |
| 1299.51     | 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](http://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:

VP - Effective 23-05-2023

Replaces - 1299/14