

## SYNPOWER™ SAE 0W-20

SynPower™ SAE 0W-20 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 0W-20 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 0W-20 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 0W-20 provide protection under various service conditions and meet the performance requirements of naturally aspirated, turbocharged and supercharged petrol passenger cars, passenger SUV's providing higher levels of fuel efficiency. Suitable for use in a variety of manufacturer's petrol engines such as Holden, Honda, Toyota, Subaru and recommended for Hybrid cars where Fuel Economy and CO<sub>2</sub> reduction is important.

### Specifications and Approvals

Synpower™ SAE 0W-20*
SAE 0W-20
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> (License # D335BSDF103)
Chrysler MS-6395
Ford WSS-M2C962-A1
Ford WSS-M2C947-B1
Ford WSS-M2C947-A

\* Check owners' manual before use.

### Applications

SynPower™ SAE 0W-20 is specially designed for use in modern petrol vehicles with the focus to reduce exhaust emissions, engine durability and improve fuel efficiency. SynPower™ SAE 0W-20 is approved against GM dexos1™ Gen 3.

Also, suitable for other passenger cars where for API SP, SN Plus / RC, SN, SM or ILSAC GF-6A, 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 0W-20 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.

#### 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.

# PRODUCT INFORMATION



## 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™ 0W-20*	Typical
SAE Viscosity Grade	0W-20
Viscosity @ 100 °C, mm <sup>2</sup> /s, ASTM D445	8.30
Viscosity @ 40 °C, mm <sup>2</sup> /s, ASTM D445	43.2
Viscosity Index, ASTM D2270	171
Density @ 15 °C, kg/L, ASTM D4052	0.8465
Total Base Number, mg KOH/g, ASTM D2896	7.7
CCS Viscosity, mPa.s @ -35 °C, ASTM D5293	5450
Flash Point (COC), °C, ASTM D92	228
Pour Point, °C, ASTM D5950	-45

Note: SynPower™ 0W-20 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
1333.01	1L
1333.05	5L
1333.06	6L
1333.20	20L
1333.28	208L

## 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:

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