

## SYNPOWER™ SAE 0W-20

**SynPower™ SAE 0W-20** is a premium full synthetic motor oil, formulated with the highest quality synthetic base oils, enhanced with the most advanced additive technology for ultimate performance in meeting the latest requirements for modern engine.

**SynPower™ SAE 0W-20** meets the new API industrial standard of API SN Plus, 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 SN Plus, is fully backwards compatible with API SN and can be used where API SN is recommended.

**SynPower™ SAE 0W-20** is also approved against GM dexos1™ Gen 2 petrol engine oil specification as well as meeting the latest ILSAC GF-5 fuel efficiency requirements.

**SynPower™ SAE 0W-20** is specially designed to provide high levels of fuel efficiency and deposit protection under severe service conditions. Especially recommended for Hybrid cars where Fuel Economy and CO<sub>2</sub> reduction is important. Designed for modern engines,

### Specifications and Approvals

Synpower™ SAE 0W-20*
SAE 0W-20
API SN Plus / RC
API SN, SM, SL
ILSAC GF-5
Resource Conserving (RC)
GM dexos1™ Gen 2 <i>Approved</i> (License # D10193GL103)
Chrysler MS-6395
Ford WSS-M2C947-B1

\* 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 2.

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

### Features and Benefits

#### **Resource conserving formulation**

Low viscosity oil delivers fuel saving performance with no compromise in durability. Compatible with vehicles using unleaded, E10 and E85.

#### **Breakdown resistance**

Extra additives protect against early breakdown of the oil compared to conventional oil.

#### **Engine Cleanliness**

Deposit control reduces formation of sludge and varnish, keeps the engine clean for maximum protection.

#### **Consistent viscosity**

Higher tolerance for temperature extremes means oil maintains more consistent viscosity.

#### **Wear protection**

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

#### **Fuel efficiency:**

Formulated to a low viscosity to improve fuel economy, reduce friction, and improve power.

# 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	8.3
Viscosity @ 40 °C, mm <sup>2</sup> /s, ASTM D445	43.5
Viscosity Index, ASTM D2270	168
Density @ 15 °C, kg/L, ASTM D4052	0.847
Total Base Number, mg KOH/g, ASTM D2896	7.66
CCS Viscosity, mPa.s @ -35 °C, ASTM D5293	5300
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
1333.20	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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