

## SYNPOWER™ SAE 5W-30 LL-01

SynPower™ SAE 5W-30 LL-01 is a premium quality full synthetic engine oil. Formulated for ultimate performance and protection under all operating conditions. Designed to fulfil the latest standards of leading engine manufacturers.

### Specifications and Approvals

Synpower™ SAE 5W-30 LL-01*
SAE 5W-30
API SL/CF
ACEA A3/B4
BMW LL-01
MB – Approval 229.5
MB – 229.3
VW 502.00/ 505.00
GM LL-A-025, LL-B-025
Recommended for use where Fiat 9.55535.G1 is specified

\* Check owners' manual before use.

### Applications

Formulated for gasoline and diesel engines of passenger cars, delivery vans, light trucks, persons minibuses, campers.

For modern engines with turbochargers and catalytic converters.  
Suitable for extra long drain oil change intervals.

Suitable for direct injected diesel engines (Volkswagen DID test).

### Features and benefits:

**Ultimate protection and performance**  
SynPower engine oil is formulated with the highest quality base oils and latest additives to ensure ultimate protection and performance under all operating conditions. Designed to fulfil the latest standards of leading engine manufacturers.

#### Deposit Control

Special additive prevents the formation of sludge and harmful deposits inside the engine.

#### Long drain interval

Formulated for excellent product stability. Long lasting performance and suitable for long drain intervals.

#### Engine Cleanliness

Keeps the engine extremely clean, by minimizing deposits. Exceeds the ACEA A3/B3 limits for piston cleanliness in Volkswagen TDI engine test.

#### Excellent cold start performance

Instant oil flow at low temperatures provides easy cold starts and optimal lubrication within seconds after ignition.

# 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™ SAE 5W-30 LL-01	Typical
SAE Viscosity Grade	5W-30
Viscosity @ 100 °C, mm <sup>2</sup> /s, ASTM D445	11.9
Viscosity @ 40 °C, mm <sup>2</sup> /s, ASTM D445	62.6
Viscosity Index, ASTM D2270	189
Density @ 15 °C, kg/L, ASTM D4052	0.855
Total Base Number, mg KOH/g, ASTM D2896	10.21
CCS Viscosity, mPa.s @ -30 °C, ASTM D5293	4900
Flash Point (COC), °C, ASTM D92	220
Pour Point, °C, ASTM D5950	-45

Note: SynPower™ 5W-30 LL-01 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
1412.28	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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Replaces - 1412/01