

## Engine Armour Synthetic Technology 5W-30

**Engine Armour Synthetic Technology SAE 5W-30** is semi-synthetic multigrade engine oil range formulated with a combination of high-tech synthetic and premium quality conventional base stocks combined with latest generation advanced additive technology.

**Engine Armour Synthetic Technology 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.

**Engine Armour Synthetic Technology SAE 5W-30** can help engines maintain peak performance longer by providing improved wear control, deposit protection, volatility, and low temperature flow characteristics versus conventional motor oils.

**Engine Armour Synthetic Technology SAE 5W-30** engine oils provide protection under severe service conditions and meet the performance requirements of virtually all naturally aspirated, turbocharged and supercharged petrol passenger cars, passenger SUV's and light commercial vehicles.

### Specifications and Approvals

Engine Armour Synthetic Technology SAE 5W-30*
API SP
API SN Plus/RC
API SN
API SM
API SL
API SJ
ILSAC GF-6A
ILSAC GF-5
ILSAC GF-4**
GM 6094M**
Ford WSS-M2C-946-A
Ford WSS-M2C-929-A**

\*Check owners' manual before use

### Application

**Engine Armour Synthetic Technology SAE 5W-30** engine oils, enhances engine durability and fuel efficiency, while maintaining maximum engine protection during the longer drain intervals found in today's passenger vehicles.

**Engine Armour Synthetic Technology SAE 5W-30** engine oils are suitable for use in passenger and light duty commercial vehicles fitted with petrol engines.

Please always consult the vehicle owners' manual before use.

Not recommended for use in diesel fuelled engines.

\*\*Obsolete Specification

### Features and Benefits

#### **Superior Protection**

**Engine Armour Synthetic Technology 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.

# 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.

Engine Armour Synthetic Technology	Typical
SAE Viscosity Grade	5W-30
Viscosity @ 100 °C, mm <sup>2</sup> /s, ASTM D445	10.65
Viscosity @ 40 °C, mm <sup>2</sup> /s, ASTM D445	63.35
Viscosity Index, ASTM D2270	159
Density @ 15 °C, kg/L, ASTM D4052	0.8590
Total Base Number, mg KOH/g, ASTM S5293	7.8
CCS Viscosity, mPa.s @ -30 °C, ASTM D5293	<6700
Flash Point (COC), °C, ASTM D92	218
Pour Point, °C, ASTM D5950	-42

**Note:** Engine Armour Synthetic Technology 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
1360.01	1L
1360.05	5L
1360.06	6L

## 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 - 1360/05