

## Engine Armour Synthetic Technology 15W-40

Engine Armour Synthetic Technology 15W-40 is semi-synthetic multigrade engine oil range developed to meet the demanding requirements of the engine manufacturers. This engine oil has been designed to protect vital engine components therefore the engine can operate at its optimum level.

Engine Armour Synthetic Technology 15W-40 is formulated using a combination of synthetic and mineral base oils combined with the most advanced additive system available, ensures enhanced performance and protection whilst exceeding many of the toughest requirements of the world's leading manufacturers.

### Specifications and Approvals

| Engine Armour Synthetic Technology 15W-40* |
|--|
| API SP                                     |
| API SN, SM, SL                             |
| ACEA A3/B4                                 |
| VW 501.01, 502.00, 505.00                  |
| MB 229.1                                   |

\*Check owners' manual before use.

### Applications

Engine Armour Synthetic Technology 15W-40 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 engine oil range is suitable for use in passenger and light duty commercial vehicles fitted with petrol or diesel engines. Please consult the owners' manual before use. Suitable for use in older passenger vehicles with diesel engines where API CF specification oil is recommended.

### Features and Benefits

#### **Superior Protection**

Engine Armour Synthetic Technology 15W-40 engine oil fights the major causes of engine stress, heat, deposits and wear from Start-up to Shut down.

#### **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.

#### **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.

# 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                               | 15W-40  |
| Viscosity @ 100 °C, mm <sup>2</sup> /s, ASTM D445 | 14.76   |
| Viscosity @ 40 °C, mm <sup>2</sup> /s, ASTM D445  | 108.8   |
| Viscosity Index, ASTM D2270                       | 140     |
| Density @ 15 °C, kg/L, ASTM D4052                 | 0.870   |
| Total Base Number, mg KOH/g, ASTM S5293           | 10.2    |
| CCS Viscosity, mPa.s @ -20 °C, ASTM D5293         | 6000    |
| Flash Point (COC), °C, ASTM D92                   | 232     |
| Pour Point, °C, ASTM D5950                        | -39     |

**Note:** Engine Armour Synthetic Technology 15W-40 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 |
|-------------|-----------|
| 1363.01     | 1L        |
| 1363.04     | 4L        |
| 1363.05     | 5L        |

## 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 02-09-2021  
Replaces - 1363/02