

# PRODUCT INFORMATION



## VALVOLINE™ ALL-FLEET PREMIUM 15W-40

**Valvoline All-Fleet Premium 15W-40** engine oil is designed to provide advanced lubricant performance in modern, low emission diesel engines, including those with EGR, operating under a wide variety of service conditions. The advanced product technology offers a long life and extended drain capability. The balanced formulation helps to maximize the engine durability.

**Valvoline All-Fleet Premium 15W-40** is recommended for use in all heavy-duty diesel engines of Commercial road transport, Off highway equipment in Mining and Construction, High Speed Marine Diesel Engines, Agricultural Tractors, Other Farm Machinery and in Generator Sets.

**Valvoline All-Fleet Premium 15W-40** provides proven performance and superior protection in all heavy-duty diesel engines meeting Euro V or earlier emission requirements not fitted with Particulate Filters (DPF).

**Valvoline All-Fleet Premium 15W-40** is suitable for wide range of heavy-duty diesel engine of US like Cummins, Caterpillar, Detroit, Mack, European – Volvo, Daimler, MAN, MTU and Japanese – Hino, Fuso, Isuzu, Komatsu, Hitachi, Kobelco etc.

### VALVOLINE ALL-FLEET PREMIUM 15W-40 ADVANTAGES

Valvoline All-Fleet Premium 15W-40 with its Premium Group II Base oil, Advanced additives and Rapid Flow Technology (RFT) provides

- Excellent cold start protection
- Superior Soot dispersancy
- Excellent Valve train wear protection and reduced oil filter restriction at high soot levels
- Excellent control of acids to prevent corrosion of engine bearings
- Outstanding high temperature deposit control, including single and two-piece pistons and ring/liner wear protection
- Superior anti oxidants inhibits formation of sludge and varnish which reduces oil thickening and filter plugging .

All the above leads to extended engine overhaul life, increased component life and superior engine Performance.

All-Fleet Premium is suitable for use with B20 Bio Diesel. It is designed to counter and protect against oxidative thickening and harmful deposits which can result from use of B20 Diesel.

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| PERFORMANCE LEVEL          |
|----------------------------|
| API CI-4/SL                |
| ACEA E7-16                 |
| MB 228.3                   |
| Mack EO- N, Mack EO-M Plus |
| Volvo VDS 3                |
| Renault Truck RLD -2       |
| Caterpillar ECF-2          |
| MAN M 3275                 |
| Deutz DQC III -10          |
| Detroit Diesel 93K215      |
| MTU Type 2                 |
| Global DHD-1               |

## Typical properties:

Typical property characteristics are based on current production. Whilst future production will conform to Valvoline™ specifications, variations in these characteristics may occur.

| Typical Characteristics          |                |
|----------------------------------|----------------|
| Appearance                       | Bright & Clear |
| SAE Grade                        | 15W 40         |
| Kinematic Viscosity, cSt @ 100°C | 14.5           |
| Viscosity Index                  | 136            |
| TBN, mg KOH/g                    | 11.0           |
| Pour Point, °C,                  | -42            |
| Flash Point, COC, °C             | 230            |
| CCS Viscosity @ -25 °C, cP       | 5800           |

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales representative or through our website <https://sds.valvoline.com/>

This information only applies to products manufactured in the following location(s): Singapore

Effective date  
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Author  
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