

## All Fleet™ E900 15W-40

All Fleet™ E900 15W-40 premium heavy duty conventional engine oil for use in commercial heavy-duty, turbo-charged industrial and truck engines. Combination of high quality additive chemistry and premium base oils achieve benefits such as, piston deposit control, foam protection, oxidation inhibition, soot dispersancy and oil-thickening control, corrosion and rust inhibition, superior TBN retention, low temperature sludge protection and valve train wear protection.

All Fleet™ E900 15W-40 is specially engineered, containing a special additive system providing effective piston cleanliness and wear control to meet the demands and drain requirements of the world's leading truck manufacturers.

All Fleet™ E900 15W-40 is suitable for use in American and Euro engines with or without Diesel Particle Filter (DPF), engine fitted with Selective Catalytic Reduction (SCR) after treatment systems. and engines with Exhaust Gas Recirculation (EGR) systems.

### Specifications and Approvals

All Fleet™ E900 15W-40*
API CJ-4/SN, CI-4 Plus, CI-4
ACEA E9, E7
CAT ECF-3, ECF-2, ECF-1-a
CUMMINS CES 20081, 20078
Detroit Diesel DDC 93K218
Deutz DQC III-10 LA
MACK EO-O Premium Plus, EO-M Plus
MAN 3575
MB 228.31
MTU TYPE 2.1
Renault Truck RLD-3
VDS-4, VDS-3

\* Check owners' manual before use.

### Applications

All Fleet™ E900 15W-40 provides superior performance in many applications such as;

- On-highway & off-highway heavy duty
- Mining
- Transport
- Construction
- Agricultural and farming
- Marine
- Industrial

Always consult the vehicle service manual before use.



### Features and Benefits

#### **After treatment & Emission control**

Mid SAP Oil suitable for SCR, EGR and DPF exhaust systems

#### **SHPD**

Super High Performance Diesel engine oil for maximizes engine durability.

#### **Excellent Shear Stability**

'Stay in grade', shear stable formulation for optimal viscosity control, pump ability and oil pressure control.

#### **Outstanding Protection**

Improved wear protection to maximize engine efficiency and extend engine life.

#### **Clean engine and wear protection**

Special additive system provides effective piston cleanliness and wear control.

#### **Enhanced Dispersant**

Unique high levels of dispersive technology controls soot and change in viscosity providing superior wear protection and increased component life.

# 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.

All Fleet™ E900 15W-40	Typical
SAE Viscosity Grade	15W-40
Viscosity @ 100 °C, mm <sup>2</sup> /s, ASTM D445	15.25
Viscosity @ 40 °C, mm <sup>2</sup> /s, ASTM D445	116.3
Viscosity Index, ASTM D2270	137
Density @ 15 °C, kg/L, ASTM D4052	0.8750
Total Base Number, mg KOH/g, ASTM D2896	Typical 8.0
CCS Viscosity, mPa.s @ -20 °C, ASTM D5293	6400
Flash Point (COC), °C, ASTM D92	224
Pour Point, °C, ASTM D5950	-39
Sulphated Ash, % mass, ASTM D874	1.0 (max)

Note: All Fleet™ E900 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
1376.20	20L
1376.51	205L
1376IBC	IBC

## 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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