

Last Updated: 08.01.2021  
Code: AE0442

**FLEETSTAR PERFORMANCE PLUS E9 15w40** is formulated to meet the requirements of today's high performance, emission-controlled, heavy-duty diesel engines. The modern, semi synthetic formulation is especially suitable for vehicles equipped with after-treatment systems which require a low SAPS (Sulphated Ash, Phosphorus & Sulphur) engine oil.

## APPLICATION

Designed to meet and exceed the stringent technical requirements imposed on today's emission-controlled engines by the latest Euro 5 and 6 regulations. Especially recommended for vehicles which require VOLVO VDS 4.5, Renault RLD-3, CAT ECF-3, Mercedes-Benz 228.31, Cummins CES 20086, ACEA E9 and API CK-4 specifications, as well as many other heavy-duty and off-highway diesel engine manufacturers which specify a modern lubricant of this type such as Case New Holland, DAF, Deutz, Hitachi, Isuzu, JCB, John Deere, Deutz, Komatsu, Liebherr and MAN.

Note: Although not VOLVO VDS-5 approved, this product can be used where VOLVO VDS-5 specification is required, but may not impart VDS-5 fuel economy benefits and the oil drain interval should be amended accordingly.

## BENEFITS

- Specifically formulated to meet the latest heavy-duty diesel API CK-4, ACEA E9 and Euro 6 requirements.
- Modern formulation to meet many commercial and off-highway OEM applications.
- Excellent wear protection and lubricant stability, even under severe operating conditions.
- Significant increase in piston cleanliness and reduced oil consumption compared to API CI-4 oils.
- Outstanding soot handling and oxidation control.
- Suitable for engines with or without particulate filters, as well as EGR and SCR emissions reduction systems.
- High detergent and dispersion levels.

## PERFORMANCE PROFILE

Suitable for use where the following specifications are required;

- API CK-4, CJ-4, SN
- ACEA E9, E7
- VOLVO VDS 4.5 - Approval
- Renault RVI RLD-3 - Approval
- Mack EOS-4.5 - Approval
- Mercedes-Benz 228.31
- Cummins CES 20086, 20081
- MAN M3575, M3275
- MTU Type 2.1
- Caterpillar ECF-3
- JASO DH-2
- FORD M2C171-F, M2C171-E
- Deutz DQC-III-10 LA
- Detroit Diesel DDC93K222
- Detroit Diesel DDC93K218

## TYPICAL PROPERTIES

- Viscosity @ 100°C: 14.7 cSt
- Flash Point: 218°C
- Pour Point: -36°C
- Specific Gravity: 0.867
- Total Base No. (D2896): 9.5
- Sulphated Ash, Wt (%): < 1.0

## HEALTH AND SAFETY

This product has been manufactured to the highest standards and when used for the purpose recommended is unlikely to present any significant health hazards. A Safety Data Sheet is available on request.

Indicated data are approximate values and are subject to the usual commercial fluctuations. All information correct at time of going to press to the best of our knowledge. This information may be subject to change without notification due to continual product research and development.