

**SHIELDTM**
LUBRICANTS**TECHNICAL DATA SHEET**

SHIELD LUBRICANTS 15W40 E9 MINERAL

Product Code: SC15W40E9- Revision: 08 Dec 2020

Product Description

A engine oil formulated to meet the lubrication requirements for the modern day diesel engine, meeting Euro 5 and 6 emission requirements. An updated product blended from a mixture of solvent refined base oils, viscosity modifiers, pour point depressants and a brand new innovative additive system. Extensive development has produced a product at the forefront of heavy duty diesel engine lubrication technology.

Benefits

- Offers improved wear protection, and soot dispersancy.
- Excellent oxidation stability.
- The very latest industry standard ACEA E9 and API CK-4.
- Extended drain intervals.
- Ideal choice for newer mixed fleet long haul vehicles needing a Euro 5 and 6 standards.

Applications

A wide range of use in heavy duty diesel engines, that are required to meet Euro 5 and 6 emission standards. A lubricant technology that meets the requirements of API CK-4 and ACEA E9. This engine oil is also suitable for application in engines with or without after treatment systems.

Typical Test Data

| | | |
|---------------------------------|---|--------|
| Density @ 15°C | - | 0.887 |
| Flash Point (°C) | - | 210 |
| Kinematic Viscosity cSt @ 100°C | - | 14.39 |
| Kinematic Viscosity cSt @ 40°C | - | 106.02 |
| Pour Point (°C) | - | -31 |
| Total Base Number (mg KOH/g) | - | 9.2 |
| Viscosity Index | | 139 |

Product Profile

| | |
|--------------------|------------------|
| ACEA | E7, E9 |
| API | CK-4, CJ-4 |
| Caterpillar | ECF-3 |
| Cummins | 20086, 20081 |
| Detroit | DDC93K222 |
| Deutz | DQC III-10 LA |
| Ford | M2C171-F1 |
| JASO | DH-2 |
| Mack | EO-S 4.5 |
| MAN | 3275, 3575 |
| MB | 228.31 |
| MTU | 2.1 |
| Renault | RLD-4, RLD-3 |
| Volvo | VDS-4.5, VDS-4.0 |



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