

SAE 10W40

140202101



## EXTENDED S2 CI-4 E4/E7 SAE 10W40

This is a semi-synthetic heavy duty engine oil that has been officially qualified as LONG DRAIN in the UHPD (Ultra High Performance Diesel) category. This product can be used in supercharged diesel engines that operate under all service conditions and in all seasons of the year. One of the typical properties of this product is that it helps to

protect the turbocharger by cooling and lubricating the bearings. This product provides very long drain intervals and provides excellent engine cleanliness. This is a perfect HD engine oil for vehicles that are used daily. Due to the high ash content, this oil is not suitable for gasoline engines and vehicles equipped with a particulate filter.

| GRADE                        | METHOD     | UNIT               | VALUE |
|------------------------------|------------|--------------------|-------|
| Density @ 15 °C              | ASTM D4052 | kg/l               | 0,86  |
| Kinematic viscosity @ 40 °C  | ASTM D445  | mm <sup>2</sup> /s | 90,3  |
| Kinematic viscosity @ 100 °C | ASTM D445  | mm <sup>2</sup> /s | 13,9  |
| Viscosity Index              | ASTM D2270 |                    | 158   |
| B.N. (HCL04 method)          | ASTM D2896 | mg KOH/g           | 14    |
| Pour point                   | ASTM D6892 | °C                 | -42   |
| Flash point                  | ASTM D92   | °C                 | 220   |
| Sulphated ash content        | ASTM D874  | %                  | 1,67  |
| CCS viscosity @ -15 °C       | ASTM D5293 | mPa.s              |       |
| CCS viscosity @ -20 °C       | ASTM D5293 | mPa.s              |       |
| CCS viscosity @ -25 °C       | ASTM D5293 | mPa.s              | 5500  |
| CCS viscosity @ -30 °C       | ASTM D5293 | mPa.s              |       |

## Specifications

- ▷ ACEA E4
- ▷ ACEA E7
- ▷ API CI-4
- ▷ CUMMINS CES 20077
- ▷ CUMMINS CES 20078
- ▷ DEUTZ DQC III-10
- ▷ MACK EO-M PLUS
- ▷ MACK EO-N
- ▷ MAN M3277
- ▷ MB 228.5
- ▷ MTU OIL CATEGORY 3
- ▷ RENAULT RLD-2
- ▷ RENAULT RXD
- ▷ VOLVO VDS-3

All data on this technical data sheet is indicative only.