



## LB Unifleet Ultra HS 10W40

### Description

This is a product of the LB (Level Back-up) product range. These products are based on the officially approved formulas, using the same high-quality additives, but the base oils have been replaced with equivalent alternatives. This creates equivalent products in terms of quality, with a performance level corresponding to the originally approved products. However, because no field tests have been conducted, the product may be claimed only to meet the mentioned performance levels.

### Application

This engine lubricant is applicable to gasoline and diesel engines (normally- or turboaspirated) even under the toughest operation conditions and all the year round. This engine oil has a special additive system and may therefore be used, when fuels with relatively high sulphur contents are involved. This special quality of engine oil is mainly developed to allow extended oil drain intervals and to prevent «bore polishing» (=cylinder-wear) in diesel engines. This product is suitable for application in Euro 4 and Euro 5 engines.

### Specifications

Performance level:

- ACEA A3/B4, E7
- Cat ECF-1-a/ECF-2
- Detroit Diesel 93K215
- Global DHD-1
- Mack EO-N
- MB 228.3
- Renault VI RLD-2
- Allison TES-439
- API CI-4/SL
- Cummins CES 20077/20078
- Deutz DQC III-18
- JASO DH-1
- MAN M 3275
- MTU Type 2
- Volvo VDS-3
- Voith Type B

### Typicals

Density at 15 °C, kg/l	0,868
Viscosity -25 °C, mPa.s	4910
Viscosity 40 °C, mm <sup>2</sup> /s	87,70
Viscosity 100 °C, mm <sup>2</sup> /s	13,70
Viscosity Index	159
Flash Point COC, °C	222
Pour Point, °C	-36
Total Base Number, mgKOH/g	11,1
Sulphate Ash, %	1,43