



LEVELS OF QUALITY

The lubricant ULTRA HC FE LS 5W-30 UHPDO complies with the following international Specifications:

- ACEA E6-E9 E4-E7
- API CJ-4/CI-4/CH-4
- MB 228.51/228.5/228.31
- MAN M3477-M3277
- VOLVO VDS-3
- SCANIA LDF
- MTU TYPE3
- RENAULT RVI RXD
- MACK EO-M PLUS
- CUMMINS CES 20071/20072/20076/20077

DESCRIPTION

DUGLAS ULTRA HC FE LS 5W-30 UHPDO is fully synthetic and with the latest concept of lubrication designed to satisfy the requirements of the latest versions of supercharged diesel engines with extended oil change intervals and at low emissions with EURO4 and EURO5 technologies, provided with the most sophisticated exhaust gas abatement systems. The quality of basic oils along with a reliable additive package guarantee an excellent behaviour in service with any types of diesel fuel and extended oil change intervals, by reaching easily the limit of 100,000 km, according to the information provided by Manufacturers.

DUGLAS ULTRA HC FE LS 5W-30 UHPDO can be defined as a multifunctional product to be used in all types of fleet on high speed diesel engines, in earthmoving equipment and in all supercharged DIESEL marine engines.

The following benefits can be obtained, if you use this product:

- a higher engine cleaning,
- a better protection against piston ring sticking,
- a reduced bore polishing (exhaust pipe polishing),
- more protection against wear;
- extending oil change intervals.

TYPICAL FEATURES*

| SAE Scale | 5W/30 |
|--|-------|
| Density at 15°C.Kg./dm ³ ASTM D1298 | 0.855 |
| Viscosity at 100°C.cSt ASTM D445 | 11.80 |
| Viscosity Index ASTM D2270 | 155 |
| Flammability V.A. °C ASTM D92 | 210 |
| Pour Point °C ASTM D97 | -33 |
| TBN mgKOH/g ASTM D 2896 | 10 |

*The above mentioned values are indicative of production average values and are not an integral part of the specification.

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