



### LEVELS OF QUALITY

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

- ACEA E6, E4 E9, E7
- API CJ-4/CI-4/CH-4
- MB 228.51/228.5/228.31
- MAN M3677 - M3477 - M3277
- VOLVO VDS-4 – 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 EURO5 and EURO6 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./dm3 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	-36
TBN mgKOH/g ASTM D 2896	12

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

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