



### LEVELS OF QUALITY

The lubricant SUPER TURBO E3 20W-50 SHPDO complies with the following international specifications:

- ACEA E3, A3/B3
- API CI-4, CG-4, CF-4
- MB 228.3
- MAN M3275
- DEUTZ DQC-II 05
- MTU TYPE2
- RENAULT RD
- CAT TO-2
- ZF TE-ML-04 C

### DESCRIPTION

Duglas Oil SUPER TURBO E3 20W-50 is a 'HPDO' multigrade oil of multifunctional type especially recommended for all types of diesel engines, ranging from the heavy drive, the earthmoving, high speed diesel and marine engines.

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 according to the information provided by Manufacturers.

Duglas Oil SUPER TURBO E3 20W-50 can be defined as a multifunctional product to be used in all types of fleets 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                           |             | 20W/50 |
|-------------------------------------|-------------|--------|
| Density at 15°C.Kg./dm <sup>3</sup> | ASTM D1298  | 0.880  |
| Viscosity at 100°C.cSt              | ASTM D445   | 17.0   |
| Viscosity Index                     | ASTM D2270  | 125    |
| Flammability V.A.°C                 | ASTM D92    | 224    |
| Pour Point °C                       | ASTM D97    | -21    |
| TBN mgKOH/g                         | ASTM D 2896 | 11     |

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

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