

RUBIA FLEET HD 300 10W-30/15W-40/15W-50/20W-50

DIESEL ENGINE OIL

KEY DATA



SPECIFICATIONS AND APPROVALS

International Specifications:

API CF-4/SG

Meets the Requirements of:

- ✓ MAN 271
- ✓ MB-Approval 228.1
- ✓ Volvo VDS

TECHNOLOGY

Clean-Shield technology

Performance exceeding automotive industry standards.

Clean-Shield Technology with its high Total Base Number (TBN) content is specially designed to keep the engine parts clean and to ensure protection against corrosion and wear, making your engines run more smoothly for longer time.



APPLICATIONS

TOTAL RUBIA FLEET HD 300 is recommended for all **turbocharged or naturally-aspirated diesel engines** of **commercial vehicles** (trucks, buses, vans, pick-ups, taxis...), and for **all off-road applications** (public works, agriculture, navigation, rail road) requiring **API CF-4** performance.

This lubricant is well suited for all **industrial vehicles** operating **under severe service conditions** (high temperature, frequent stops...).

TOTAL RUBIA FLEET HD 300 is specifically recommended for **diesel engines** from heavy duty to extremely heavyduty.

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PERFORMANCES AND CUSTOMER BENEFITS

TOTAL RUBIA FLEET HD 300 has **excellent oxidation resistance**, guaranteeing **efficient engine protection** under normal and severe conditions.

Detergent, dispersant and anti-wear properties keep the **engine clean** and enable effective control of soot, sludge and piston deposits.

TOTAL RUBIA FLEET HD 300 exhibits **superior protection** against heat and wear ensuring **long engine life**.

PHYSICAL AND CHEMICAL CHARACTERISTICS *

| TEST | UNIT | TEST METHOD | 10W-30 | 15W-40 | 15W-50 | 20W-50 |
|-------------------------------|--------------------|-------------|--------|--------|--------|--------|
| Density at 15 °C | kg/m ³ | ASTM D1298 | 867 | 887 | 879 | 895 |
| Kinematic Viscosity at 40 °C | mm ² /s | ASTM D445 | 79.7 | 107.6 | 144.3 | 154.5 |
| Kinematic Viscosity at 100 °C | mm ² /s | ASTM D445 | 11.8 | 13.9 | 18.8 | 18 |
| Viscosity Index | - | ASTM D2270 | 142 | 130 | 147 | 130 |
| Flash Point | °C | ASTM D92 | >200 | >200 | >200 | >200 |
| T.B.N | mgKOH/g | ASTM D2896 | 9 | 9 | 9 | 9 |

* The features mentioned above are average values obtained with some variability in production and do not constitute a specification.

RECOMMENDATIONS FOR USE

Before using the product, it is important to check the service manual of the vehicle: the drain is carried out according to the manufacturer's requirements. The product should not be stored at a temperature above 60 °C. Exposure to strong sunlight, extreme cold or high temperature variations must be avoided. All packages should be protected from bad weather conditions. The drums should be stored horizontally to avoid a possible contamination by water and the damage of the product label.

HEALTH, SAFETY AND THE ENVIRONMENT

Based on available information, this product does not cause adverse health effects when used in the intended application and the recommendations provided in the Safety Data Sheet (MSDS) are followed. It is accessible on request from your local dealer or on the website <http://sdstotalms.total.com>. This product should not be used for applications other than those for which it is intended. If disposing of used product, take care to protect the environment and comply with local regulations.