



RUBIA TIR 7400 15W-40



Mineral **lubricant** suitable for **on-road diesel** engines.

SPECIFICATIONS AND APPROVALS

International specifications

ACEA E7

API CI-4/SL/CH-4

Manufacturers' approvals

- ✓ Cummins CES 20071/72/76/77/78
- ✓ Mack EO-N
- ✓ MAN M 3275
- ✓ MB-Approval 228.3
- ✓ Renault Trucks RLD-2
- ✓ Volvo VDS-3

Meets the requirements of

- ✓ Caterpillar ECF-1a
- ✓ DAF
- ✓ IVECO
- ✓ Scania

APPLICATIONS

TOTAL RUBIA TIR 7400 15W-40 is a **mineral** lubricant recommended for use in **on-road diesel** technology.

It is adapted to **Euro 5**, and previous engines, of most European and American manufacturers such as **DAF** and **Renault Trucks**.

TOTAL RUBIA TIR 7400 15W-40 enables coverage some fleet of mixed brands (American and European manufacturers) with a minimal number of products.

PERFORMANCES AND CUSTOMER BENEFITS

TOTAL RUBIA TIR 7400 15W-40 contains **excellent viscosity stability** in service, guaranteeing effective engine lubrication in severe conditions.

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

Piston cleanliness performance affords **effective protection** against bore polishing and cylinder wear.

PHYSICAL AND CHEMICAL CHARACTERISTICS*

TOTAL RUBIA TIR 7400 15W-40

| | | Method | Value |
|------------------------------|--------------------|------------|-------|
| Density at 15°C | kg/m ³ | ASTM D1298 | 888 |
| Kinematic Viscosity at 40°C | mm ² /s | ASTM D445 | 98.7 |
| Kinematic Viscosity at 100°C | mm ² /s | ASTM D445 | 13.4 |
| Viscosity Index | - | ASTM D2270 | 136 |
| Flash point | °C | ASTM D92 | 236 |
| Pour point | °C | ASTM D97 | -30 |
| T.B.N | mgKOH/g | ASTM D2896 | 11 |
| Sulphated Ash | % m/m | ASTM D874 | 1.45 |

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

RECOMMENDED 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 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 www.quickfds.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.