



# RUBIA TIR 7400 15W-40



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

## SPECIFICATIONS AND APPROVALS

### International specifications

ACEA E7

API CI-4/CH-4/SL

### Manufacturers' approvals

- ✓ Cummins CES 20076/77/78
- ✓ Kamaz
- ✓ 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
- ✓ ISUZU

## APPLICATIONS

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

It is recommended to **Euro 3**, and previous engines of **most European and American manufacturers**. It is also adapted to **Euro 5** and previous engines of **some manufacturers** with **appropriate oil drain intervals**.

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 cylinder liner polishing.

## PHYSICAL AND CHEMICAL CHARACTERISTICS\*

### TOTAL RUBIA TIR 7400 15W-40

		Method	Value
Density at 15°C	kg/m <sup>3</sup>	ASTM D1298	888
Kinematic Viscosity at 40°C	mm <sup>2</sup> /s	ASTM D445	98.7
Kinematic Viscosity at 100°C	mm <sup>2</sup> /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.

## RECOMMENDATIONS

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](http://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.