



# RUBIA TIR 6400 15W-40



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

## SPECIFICATIONS AND APPROVALS

### International specifications

ACEA E5/E3

API CH-4/SJ

### Manufacturers' approvals

- ✓ Cummins CES 20071/72/76
- ✓ Mack EOM
- ✓ MAN M 3275
- ✓ MB-Approval 228.3
- ✓ Renault Trucks RD/RD-2
- ✓ Volvo VDS-2

## APPLICATIONS

TOTAL RUBIA TIR 6400 15W-40 is a **mineral** lubricant used in **diesel on-road** applications (trucks, buses...).

TOTAL RUBIA TIR 6400 15W-40 is particularly adapted to **Euro 5** and previous engine generations, such as **Renault Trucks** and **Mercedes-Benz** vehicles.

## PERFORMANCES AND CUSTOMER BENEFITS

**Detergent, antioxidant and anti-corrosion additives** help to reach **standard oil drain intervals** defined by the manufacturer.

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

## PHYSICAL AND CHEMICAL CHARACTERISTICS\*

### TOTAL RUBIA TIR 6400 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	10
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](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.