# **RUBIA S 40**



## Mineral lubricant suitable for diesel engines.

## SPECIFICATIONS AND APPROVALS

#### International specifications

#### **API CF/SF**

### **APPLICATIONS**

TOTAL RUBIA S 40 is a mineral lubricant recommended for old diesel engines of transport, public works materials, agricultural vehicles...

It is also suitable for stationary engines.

TOTAL RUBIA S 40 is suitable for all diesel engines when an **SAE 40 grade lubricant** is **recommended**.

#### PERFORMANCES AND CUSTOMER BENEFITS

TOTAL RUBIA S 40 exhibits good resistance to oxidation, preventing the formation of deposits and varnishes.

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

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# **PHYSICAL AND CHEMICAL CHARACTERISTICS\***

| TOTAL RUBIA S 40             |                   | Method     | Value |
|------------------------------|-------------------|------------|-------|
| Density at 15°C              | kg/m <sup>3</sup> | ASTM D1298 | 880   |
| Kinematic Viscosity at 40°C  | mm²/s             | ASTM D445  | 126.2 |
| Kinematic Viscosity at 100°C | mm²/s             | ASTM D445  | 13.3  |
| Viscosity Index              | -                 | ASTM D2270 | 99    |
| Flash point                  | °C                | ASTM D92   | >220  |
| Pour point                   | °C                | ASTM D97   | -24   |
| T.B.N                        | mgKOH/g           | ASTM D2896 | 11    |
| Sulphated Ash                | % m/m             | ASTM D874  | 1.52  |

\* 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 <u>www.guickfds.com</u>

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.

