

# RUBIA FLEET HD 500 10W-30 / 15W-40 / 20W-50

DIESEL ENGINE OIL

## KEY DATA



### SPECIFICATIONS AND APPROVALS

#### International Specifications:

API CH-4/SJ

#### Meets the Requirements of:

- ✓ Mack EOM
- ✓ MAN M 3275
- ✓ MB-Approval 228.1
- ✓ Renault Trucks RD/RD-2
- ✓ Volvo VDS-2

## 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 500 10W-30 / 15W-40 / 20W-50 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 CH-4** performance.

This lubricant is particularly recommended for heavy-duty **diesel engines** and enables coverage of a fleet of mixed brands with a minimal number of products.

TOTAL RUBIA FLEET HD 500 10W-30 / 15W-40 / 20W-50 is also **suitable for common rail diesel engines**.

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## PERFORMANCES AND CUSTOMER BENEFITS

TOTAL RUBIA FLEET HD 500 10W-30 / 15W-40 / 20W-50 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 500 10W-30 / 15W-40 / 20W-50 exhibits a **high alkaline reserve** to neutralize acid compounds coming from the combustion of high sulphur fuel. This lubricant has **superior protection** against wear ensuring **long engine life**.

## PHYSICAL AND CHEMICAL CHARACTERISTICS \*

TEST	UNIT	TEST METHOD	10W-30	15W-40	20W-50
Density at 15 °C	kg/m <sup>3</sup>	ASTM D1298	867	883	890
Kinematic Viscosity at 40 °C	mm <sup>2</sup> /s	ASTM D445	80.0	108.7	160.1
Kinematic Viscosity at 100 °C	mm <sup>2</sup> /s	ASTM D445	11.7	14	17.5
Viscosity Index	-	ASTM D2270	139	130	120
Flash Point	°C	ASTM D92	>200	>200	>200
T.B.N	mgKOH/g	ASTM D2896	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.