



# RUBIA ST 415



**Singlegrade oils for normally aspirated and turbocharged Diesel engines, using high Sulphur fuels**

## SPECIFICATIONS

International specifications

API CF

## APPLICATIONS

TOTAL RUBIA ST 315 / 415 are suitable for all Diesel turbocharged or aspirated engines operating in the most severe conditions, for example in application like Locomotives, Gensets or Earthmoving machinery using fuels with Sulphur content up to 0.5 %.

## PERFORMANCES AND CUSTOMER BENEFITS

- Efficient detergent-dispersant additive systems
- Very good oxidation resistance enabling the protection of the engines when running idle or under rough operating conditions (hot climate, mountain areas, heavy duties...)
- High TBN value for combustion acid neutralization
- Very stable viscosity in operation

## PHYSICAL AND CHEMICAL CHARACTERISTICS\*

TOTAL RUBIA ST		Method	415
Viscosity grade		SAE	40
Kinematic Viscosity at 40°C	mm <sup>2</sup> /s	ASTM D445	149
Kinematic Viscosity at 100°C	mm <sup>2</sup> /s	ASTM D445	14.8
Pour Point	°C	ASTM D97	-15
T.B.N	mg KOH/g	ASTM D2896	15

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

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**TOTAL RUBIA ST 415**

11/2021

[totalenergies.id](https://totalenergies.id)



This lubricant does not cause adverse health effects when used in the intended application.

A safety datasheet is accessible on request from your local dealer or on the website <https://ms-sds.totalenergies.com/totalpullwebsite/>