



# TOTAL

## RUBIA ST 315 / 415

MONOGRADE OILS FOR NORMALLY ASPIRATED  
AND TURBOCHARGED DIESEL ENGINES

### USES

- All Diesel turbocharged or normally aspirated engines operating in the most severe conditions, especially for use with high sulphur content fuel oils

### PROPERTIES

- Monograde
- High viscosity index
- Exceptional detergency level
- Very high dispersancy level
- High stability in operation
- Excellent antiwear and anticorrosion properties
- Excellent antioxidant, antirust, antifoaming properties
- Specially adapted for engines using fuel oils with sulphur content up to 1%

### CHARACTERISTICS

	Units	RUBIA ST 315 SAE Grade <b>30</b>	RUBIA ST 415 SAE Grade <b>40</b>
Volumetric mass at 15°C	kg/m <sup>3</sup>	885	906
Viscosity at 40°C	mm <sup>2</sup> /s	108	145
Viscosity at 100°C	mm <sup>2</sup> /s	12	15
Viscosity index	-	100	98
Flash point Cleveland	°C	250	260
Pour point	°C	-22	-9
Total Base Number	mgKOH/g	15	15

*The typical characteristics mentioned represent mean values.*

### SPECIFICATIONS

API CF  
CATERPILLAR TO2

CHARACTERISTICS  
SHEET  
51882/A  
A/R 51343/A

This lubricant, when used in accordance with our recommendations and for the application for which it is intended, does not constitute a special hazard

A safety data file conforming to the requirements of current EC legislation is available from your local trade consultant

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