

# RUBIA D



## MULTIGRADE OIL FOR DIESEL ENGINES



### USES

- **TOTAL RUBIA D** is also suitable for turbocharged or normally aspirated Diesel engines of construction machinery! Earth moving machinery. Commercial road transport, of highway vehicles High Speed Diesel Engine. Generator Sets, Fishing boat etc.

### PROPERTIES

- Multigrade.
- High viscosity index.
- Exceptional detergency level.
- Very high dispersancy level.
- High stability in operation.
- Excellent antiwear and anticorrosion properties.
- Excellent antioxidant, antirust and antifoaming properties.

### CHARACTERISTICS

RUBIA D	Units	SAE Grades 20W-50
Volumetric mass at 15°C	kg/m <sup>3</sup>	900
Viscosity at 40°C	mm <sup>2</sup> /s	168.8
Viscosity at 100°C	mm <sup>2</sup> /s	19.22
Viscosity index	-	130
Flash point Cleveland	°C	190
Pour point	°C	-21
TBN		12.5

*The typical characteristics are given as a guide only*

### SPECIFICATIONS

API CF/CD/SF  
MIL-L-2104 E  
MIL-L-46152 B/C  
CCMC D2  
ACEA E 1-96

MERCEDES BENZ 227.0  
MAN 270  
CATERPILLAR TO-2  
ALLISON C-4  
KOMATSU  
PIELSTICK