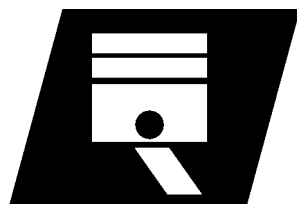


TOTAL



RUBIA S

MONOGRADE OIL FOR DIESEL ENGINES

USES

- **TOTAL RUBIA S** is suitable for all turbocharged or normally aspirated Diesel engines of civil works machines, trucks, fishing boats, locomotives.
- Suitable for Diesel stationary engines (energy production).

- **TOTAL RUBIA S** is also suitable for gear boxes, torque converters, hydraulic systems when the manufacturer requires an engine oil with an appropriate grade for these applications.

PROPERTIES

- Monograde.
- 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 S | Units | SAE Grades | | | | |
|-------------------------|--------------------|------------|--------|-----|------|-----|
| | | 10W | 20W-20 | 30 | 40 | 50 |
| Volumetric mass at 15°C | kg/m ³ | 880 | 890 | 895 | 900 | 905 |
| Viscosity at 40°C | mm ² /s | 32 | 60 | 100 | 155 | 220 |
| Viscosity at 100°C | mm ² /s | 6 | 8.5 | 12 | 15.5 | 20 |
| Viscosity index | - | 117 | 105 | 100 | 100 | 100 |
| Flash point Cleveland | °C | 200 | 210 | 220 | 230 | 240 |
| Pour point | °C | -33 | -24 | -18 | -15 | -9 |

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

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

TDS/DXB/08/03/095

RUBIA S

