

RUBIA G 1300

20W-40



Zinc and Chlorine free lubricant for Electro-Motive Diesel and General Electric engines

APPLICATIONS

**GE and Silver bearings
EMD engines**

Industrial sectors

- **TOTAL RUBIA G 1300 20W-40** is suitable for EMD and GE Diesel engines fitted on railroad locomotives and on industrial applications (Power generation, off-shore well drilling rigs, marine propulsion, ...)
- **TOTAL RUBIA G 1300 20W-40** is a Zinc free lubricant for Silver bearings engines and Chlorine free for meeting the Pollution Standards about the incineration and the used oil recycling, together with a better human health protection.

PERFORMANCES

Classifications

**Meets the
manufacturers'
requirements**

API : CD/CF
LMOA : Generation 4 and Generation 5

ELECTRO-MOTIVE DIESEL : Referenced (WOSFT)
GENERAL ELECTRIC : "Fundamental Approval" (Generation 4 Long Life)

CUSTOMER BENEFITS

Engine durability

"Friend" product

Fuel economy

- Highly effective 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, ...)
- Very good TBN retention in operation
- Thanks to the Chlorine absence, enables the classical used oil incineration or recycling and reduces the non-compatibility problems with worker skin when handling.
- Facilitates the start operations and provides substantial fuel economy, compared to the same lubricant in the single grade SAE 40.

CHARACTERISTICS

RUBIA G1300	Units	20W-40
Viscosity at 40°C	mm ² /s	108
Viscosity at 100°C	mm ² /s	14.5
Viscosity index	-	138
Pour Point	°C	-15
TBN	mgKOH/g	13
Zinc and Chlorine contents	ppm	10 maxi

The values of the specifications shown in this table are typical values given as an indication only.

TOTAL LUBRIFIANTS
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RUBIA G 1300 20W-40
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This lubricant used in accordance with our recommendations and for the application for which it is intended does not represent a special hazard.
A safety data file conforming to the requirements of current EC legislation is available from your local trade consultant.