



RUBIA G 1300 SAE 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 SAE 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 SAE 40** is a Zinc free lubricant for Silver bearings engines and Chlorine free meeting the Pollutant Regulation about the used oil incineration and/or recycling, together with a better human health protection.

PERFORMANCES

Classifications

API : CD / CF
 API : CF-2
 LMOA : Generation 4 and Generation 5

Meets the manufacturers
requirements

ELECTRO-MOTIVE DIESEL : Referenced (WOSFT)
 GENERAL ELECTRIC : "Fundamental Approval" (Generation 4 Long Life)
 CATERPILLAR : 3600 serie

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
- Its very low Chlorine level enables the collection of used oil in classical networks and also reduces the skin irritation problems of worker when handling.
- Facilitates the start operations at low temperature and provides substantial fuel economy, compared to the same lubricant in the single grade SAE 40.

CHARACTERISTICS

RUBIA G1300	Units	40
Viscosity at 40°C	mm ² /s	149
Viscosity at 100°C	mm ² /s	15.1
Viscosity index	-	99
Pour Point	°C	- 12
TBN	mgKOH/g	13
Zinc content	ppm	<10
Chlorine content	ppm	< 100

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

TOTAL LUBRIFIANTS
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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.