



marine lubricants

Delo[®] 710 LE SAE 20W-40

Regional equivalent: Delo 6170 CFO SAE 40



Description

Delo[®] 710 LE SAE 20W-40 is an industry leading, ultra-high-performance diesel engine oil for use in EMD and GE engines in railroad, marine and power generation applications. It is formulated specifically for engines using Low Sulphur and Ultra Low Sulphur Fuels and new low emission engines.

Delo 710 LE SAE 20W-40 uses premium quality base oils that are very pure, with extremely low levels of sulphur, nitrogen and aromatics to enhance oxidation resistance. It employs newly developed dispersants, detergents and oxidation inhibitors to promote outstanding oil life and minimal ash content.

Typical Characteristics

MPID	219370
Density at 15°C, kg/l	0.880
Kinematic viscosity at 40°C, mm ² /s	136.4
Kinematic viscosity at 100°C, mm ² /s	15.4
Viscosity Index	113
Pour point, max °C	-27 (for Delo 6170 CFO SAE 40: -18)
Total Base Number, mg KOH/g	9.2
Sulphated Ash, %wt	1.0 (for Delo 6170 CFO SAE 40: 2.0)
Zinc, ppm	<10
Flash Point	230

Recommended Applications

Delo 710 LE SAE 20W-40 is recommended for diesel engines using Low Sulphur and Ultra Low Sulphur Fuels; with or without exhaust after treatment; where Zn-free oils are required in applications such as Railroad, Marine, Offshore Drilling and Production, Stationary Power Generation. Sporadic use in combination with high sulphur fuel is only allowed when a strong used oil analysis program is possible. Close monitoring of the base number is essential.

Delo 710 LE SAE 20W-40 Is Approved For:

- Electro-Motive Diesel** LMOA Generation 5
- General Electric** LMOA Generation 4 Long Life, LMOA Generation 6



marine lubricants

Performance Benefits**1. Good Oxidation Stability**

Good oxidation stability, soot dispersancy and base retention for long oil life with newly designed low consumption power assemblies

2. Promotes Oil Consumption Reduction

SAE 20W-40 helps provide a 15-25% oil consumption reduction versus single grade engine oils.

3. Offers Protection Against Wearing

Designed to offer high performance wear protection in railroad, marine and power generation applications, helping reduce costs.

4. Promotes Engine Cleanliness

Advanced keep-clean formulation promotes optimum engine cleanliness with reduced maintenance downtime.

5. Reduces Deposits

Helps reduce exhaust system and turbocharger deposits, contributing to increased uptime and system efficiency.

6. Zinc Free

Zinc free, non-chlorinated.



Disclaimer. Data provided in this PDS is based on standard tests under laboratory conditions and is indicative only. Minor variations which do not affect product performance are expected in normal manufacturing. This product should not be used for any purpose other than those expressly set out in this PDS. The user has sole responsibility for verifying that this product is suitable for the user's intended application. Recommendations differ between engine manufacturers so always consult your manual. Neither Chevron nor its subsidiaries make any warranty or representation as to the accuracy or completeness of this PDS and neither Chevron nor its subsidiaries accept liability for any loss or damage suffered as a result of the use of this product other than in accordance with the terms of this PDS. (March 2019)