

DELO® 6130 CFO**SAE 40, 20W-40**

13 Base Number, Chlorine-Free, Railroad Diesel Engine Oil

PRODUCT CODE

2982, 2852

PACK SIZES

205L. The SAE 40 is also available in 20L

DESCRIPTION

Premium performance, 13 Base Number, "zinc-free", LMOA Generation 5 diesel engine oil, with chlorine-free additive technology, for use in railroad-type diesel engines, particularly modern higher output, lower oil consumption designs. Delo 6130 CFO, when compared with Generation 4 oils, has significantly enhanced dispersancy and oxidation resistance.

APPLICATIONS

- Medium speed, two and four-cycle railroad-type diesel engines, including the most recent high-output, low oil consumption designs, whether in railroad, stationary or marine service.
- Electro-Motive Diesel (EMD) 567, 645 and 710 (two-cycle) and 265H (four-cycle) railroad diesel engines in railroad, marine and stationary power-plant service.
- General Electric (GE) 7FDL, 7HDL and GEVO railroad diesel engines in railroad, marine and stationary power-plant service.
- DDC two-cycle diesel engine applications, Series 53, 71, 92 and 149. (SAE 40 only).

Not suitable for use in marine-type engines equipped with active purification systems.

BENEFITS**Reduces maintenance costs**

High alkaline reserve promotes the neutralisation of corrosive acids formed by the combustion of fuel sulfur, thereby minimising corrosive wear without causing valve distress due to "guttering". The special "zinc-free", ashless anti-wear additive system protects components from adhesive wear, and guards against attack of silver plated bearings.

Maintains high power output

Superior thermal and oxidation stability assist the detergent/dispersant additive system in providing excellent control of high temperature deposits in areas such as the undercrown of the piston and piston ring belt area, enabling piston rings to function efficiently.

Prolongs oil change-out periods

Superior alkalinity retention characteristics maintain sufficiently high Base Number (BN) under all service conditions to promote the effective neutralisation of corrosive acids formed by the combustion of fuel sulfur. Reduces fuel consumption. SAE 20W-40 multigrade provides reduced fuel and oil consumption compared with SAE 40 monograde.

Prolongs service intervals

Improved oxidation stability when compared with LMOA Generation 4 oils, allows the retention of standard service intervals with today's high specific output and lower specific oil consumption engines.

PERFORMANCE STANDARDS

- EMD Worthy of Full-Scale Field Test
- General Electric Fundamental Approval
- LMOA Generation 5
- API CF
- API CF-2 (SAE 40)

SERVICE CONSIDERATIONS

Due to the higher level of dispersancy of Delo® 6130 CFO, it is not suitable for use in engines which are equipped with active purification systems. In these, marine trunk piston engine oils (TPEOs) such as Delo®1000 Marine should be used. Such systems continuously remove combustion contaminants from the oil, by use of centrifugal type separators and automatic back flushing type filtration systems. As a consequence, TPEOs are formulated to hold contaminants in suspension while in the engine and reserve tank, but release them in the purification system. At the same time, they must resist the loss of detergent/dispersant additives with the contaminants whilst undergoing purification. Because of this, they are formulated differently from automotive and railroad diesel engine oils which are designed for systems without active purification. Consequently, one type should never be substituted for the other. The chlorine-free formulation of Delo® 6130 CFO offers easier logistics for collection and disposal of used oil where the inclusion of chlorine-containing products is limited by regulation.