



Delo 6130 CFO SAE 20W-40 is a premium performance, 13 base number, zinc free, LMOA Generation 5 diesel engine oil, utilising chlorine free technology, for use in railroad diesel engines, particularly modern higher output, lower consumption designs. When compared to generation 4 oils it offers significantly enhanced dispersancy and oxidation resistance.

APPLICATIONS

- Medium speed, two and four cycle railroad type diesel engines.
- 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 powerplant service.
- General Electric (GE) 7FDL, 7HDL and GEVO railroad diesel engines in railroad, marine and stationary powerplant service.
- Not suitable for use in marine-type engines equipped with active purification systems. Not suitable for use in marine type engines equipped with active purification systems

BENEFITS

- **Reduces maintenance costs**
 High alkaline reserve ensures that corrosive acids formed by the combustion of fuel sulfur are effectively neutralised, thereby minimising corrosive wear without causing valve distress due to "guttering". The special "zinc free", ashless antiwear additive system protects components from abrasive and 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 ensure corrosive acids formed by the combustion of fuel sulfur are effectively neutralized.
- **Reduces fuel consumption**
 SAE 20W-40 multigrade reduces fuel and oil consumption compared with SAE 40 monograde oils.
- **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

LMOA	Generation 5
API	CF
EMD	Worthy of Full-Scale Field Test
General Electric	Fundamental Approval



TYPICAL CHARACTERISTICS

Product Code	2852
SAE Grade	20W-40
Density at 15°C, kg/L	0.893
Flash Point, COC, °C	≥220
Pour Point, °C	-15
Sulfated Ash, m%	1.5
Base No., D2896, mg KOH/g D4739, mg KOH/g	13.0 12.5
Viscosity cSt at 40°C cSt at 100°C	132 15.0
Viscosity Index	116
Zinc, m%	< 10

PACK SIZES

1000L, 205L

ENVIRONMENT, HEALTH AND SAFETY

Users should consult the MSDS, follow the precautions outlined and comply with all laws and regulations concerning its use and disposal. Used packaging material should not be incinerated or exposed to flame. After use, protect your environment. Do not pollute drains, soil or water with used product.

OTHER INFORMATION

For further information on Caltex products and services call the Lubelink Advisory Service on 1300 364 169 between 8.00am and 6.00pm (EST) Monday to Friday.

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