

Samic Maxima Ferrous LDF 10W-40 API CF4

Extra High Performance Multigrade – Synthetic Blend Diesel Engine Oil
Product Data Sheet



Product Description & Main Application

Samic Maxima Ferrous LDF 10W40 API CF4 uses selected synthetic technology base oils and balanced additive system to deliver fuel economy performance, and to protect modern engines operating under extreme conditions of pressures and temperatures. It's the ideal choice for operators of heavy-duty truck and bus fleets equipped with latest designs, including those with regulatory emission controlled & longer oil drain intervals, as well as satisfying the needs of older engines. It may be used in naturally aspirated and turbocharged diesel and petrol engines, providing excellent protection even under the most severe conditions.

Performance & Customer Benefits

- Outstanding oxidation & thermal stability reduces sludge deposits and keeps the engine cleaner.
- Excellent fuel economy, due to its superior flow and frictional properties compared to conventional diesel engine oils.
- Excellent dispersancy & outstanding soot control during longer drain frequency (LDF) of engine oil.
- Extended TBN reserves provide improved acid neutralization and corrosion protection, which helps in extending oil drain intervals.
- It delivers excellent viscosity control, outstanding protection against wear and exceptional versatility featuring one oil for all fleet with multiple engines makes.

Specifications & Recommendations

Samic Maxima Ferrous LDF 10W40 API CF4 meets or exceeds following International and Builder specifications:

- API CF
- ACEA E7/E4
- MTU OIL Category 3
- MAN M 3277
- MB 228.5
- MACK EO-M plus
- Scania LDF-2

Typical Physical Characteristics

Samic Marvela Silver LDF	Test Method	Units	10W-40
Density @ 15 °C	ASTM D 4052	gm/cc	0.874
Viscosity @ 100 °C	ASTM D 445	cSt	15.7
Viscosity @ 40 °C	ASTM D 445	cSt	111
Viscosity Index	ASTM D 2270	-	150
Pour Point	ASTM D 97	°C	-39
Flash Point (COC)	ASTM D 92	°C	220
Total Base Number	ASTM D 2896	mg KOH/g	15.8
Sulfated Ash	ASTM D 874	% wt	1.1
CCS Viscosity	ASTM D 5293	cP	6200 @ -25 °C

The above figures are typical of blends with normal production tolerance and do not constitute a specification.