

Samic Optima Silver SAE 15W-40 CH-4

High Performance Multigrade Diesel Engine Oil

Product Data Sheet



Product Description & Main Application

Samic Optima Silver SAE 15W-40 CH-4 diesel engine oil is formulated with high quality base stocks and specially selected additives to ensure optimum performance and protection for diesel engines requiring an API CH-4 specification. Suitable for modern and old diesel engines fitted on trucks, buses, construction or agricultural machinery with or without turbo charger, intercooler or sophisticated injection systems.

Performance & Customer Benefits

- Improved oxidation & thermal stability reduces sludge build up and keeps the engine cleaner.
- Excellent wear protection to extend engine efficiency and service life.
- Improved fuel economy, due to high fluidity at low temperatures.
- Reduced oil consumption.
- Improved resistance to deposit formation keeps engine clean to give your vehicle maximum power under extreme conditions.
- Enhanced TBN reserves provide improved acid neutralization and corrosion protection.

Specifications & Recommendations

Samic Optima Silver SAE 15W-40 meets or exceeds following International and Builder specifications:

- API CH-4, CG-4, CF-4, CF, SL, SJ
- ACEA E7/A3/B4
- CAT ECF-1a
- MTU OIL Category-2
- MAN M3275
- MACK EO-M Plus
- VOLVO VDS-2
- CUMMINS CES 20076/7
- Deutz DQC –II-05
- Renault RD-2
- MB 228.3

Typical Physical Characteristics

Samic Optima Silver SAE	Test Method	Units	15W-40
Density @ 15 °C	ASTM D 4052	gm/cc	0.884
Viscosity @ 100 °C	ASTM D 445	cSt	15.4
Viscosity @ 40 °C	ASTM D 445	cSt	120
Viscosity Index	ASTM D 2270	-	134
Pour Point	ASTM D 97	°C	-33
Flash Point (COC)	ASTM D 92	°C	230
Total Base Number	ASTM D 2896	mg KOH/g	10.0
CCS Viscosity	ASTM D 5293	cP	6000 @ -20 °C

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

For further information, please contact: sales@samiclubricants.com