

Samic Dynamo 9000 SAE 40 CH-4

High Performance Monograde Diesel Engine Oil

Product Data Sheet



Product Description & Main Application

Samic Dynamo 9000 SAE 40 CH-4 is high performance diesel engine oil formulated with highly refined base stocks and advanced technology additives to provide reliable performance in the latest emission designs, including those with EGR systems, 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 strenuous conditions.

Performance & Customer Benefits

- Outstanding oxidation & thermal stability reduces sludge deposits and keeps the engine cleaner.
- Excellent engine protection by providing outstanding protection against wear.
- Improved fuel economy.
- Excellent dispersancy provides outstanding soot control in Exhaust Gas Recirculation (EGR) systems.
- Extended TBN reserves provide improved acid neutralization and corrosion protection, which helps in extending oil drain intervals.

Specifications & Recommendations

Samic Dynamo 9000 SAE 40 CH-4 meets or exceeds following International and Builder specifications:

- API CH-4, CG-4, CF-4, CF, SJ
- ACEA E7/A3/B4
- CAT ECF-1a, ECF-2
- MTU OIL Category 2
- MAN M3275
- VOLVO VDS-3
- Renault VI RLD-2
- Detroit Diesel 93K215
- CUMMINS CES 20076/7/20078
- Deutz DQC -III-05
- Global DHD-1
- MB 228.3/MB 229.1
- MACK EO-N

Typical Physical Characteristics

Samic Dynamo 9000 SAE	Test Method	Units	40
Density @ 15 °C	ASTM D 4052	gm/cc	0.900
Viscosity @ 100 °C	ASTM D 445	cSt	15.4
Viscosity @ 40 °C	ASTM D 445	cSt	158
Viscosity Index	ASTM D 2270	-	99
Pour Point	ASTM D 97	°C	-15
Flash Point (COC)	ASTM D 92	°C	236
Total Base Number	ASTM D 2896	mg KOH/g	10.5
Sulfated Ash	ASTM D 874	% wt	1.0

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