

# Samic Nova Silver CH-4 series

High Performance Multigrade Diesel Engine Oil



## Product Data Sheet

### Product Description & Main Application

Samic Nova Silver CH-4 series 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 Nova Silver CH-4 series 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 Nova Silver	Test Method	Units	20W-40	20W-50
Density @ 15 °C	ASTM D 4052	gm/cc	0.888	0.890
Viscosity @ 100 °C	ASTM D 445	cSt	14.30	20.4
Viscosity @ 40 °C	ASTM D 445	cSt	107	175
Viscosity Index	ASTM D 2270	-	137	137
Pour Point	ASTM D 97	°C	-30	-30
Flash Point (COC)	ASTM D 92	°C	230	236
Total Base Number	ASTM D 2896	mg KOH/g	10.0	10.0
CCS Viscosity	ASTM D 5293	cP	6060 @ -15 °C	6060 @ -15 °C

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