

Product Data Sheet

Verio MG 2004

Description and Applications

Saheli Verio MG 2004 series are heavy-duty gas engine oils specially developed for use in modern, high-output trucks and buses using Compressed Natural Gas (CNG). These are formulated with superior quality, highly paraffinic base stocks and performance additives specially meant for gas engines to provide excellent engine cleanliness, wear protection and overall performance. The advanced formulation of these oils provides excellent protection against oxidation and nitration and minimizes combustion chamber deposits. Available in two viscosity grades viz. **SAE 15W40** and **SAE 20W50**. These oils meet specifications of major mobile natural gas engine manufacturers including Scania and exceed the performance requirements of **API CF**.

Features and Benefits

- Excellent oxidation and nitration resistance minimizes sludge build-up and deposits and increases oil/filter life.
- Superior anti-wear property provides enhanced valve trains wear protection.
- Optimized ash protects against valve seat recession.
- Effective detergency and dispersancy keeps engine clean.
- Very good TBN retention provides protection against corrosion during entire service period.

Applications

- Natural gas engines of heavy-duty trucks and buses
- Scania natural gas engines
- Cummins B & C series natural gas engines
- Detroit Diesel Series 50 and Series 60 natural gas engines
- Other spark ignition natural gas engines requiring API CF quality oils
- Light-duty CNG vehicles requiring superior quality oil or operating under severe service conditions

Specifications

- **API CF**
- SCANIA (Lubrication oil for SG 940)
- Conformance to Cummins CES 20074

Test Parameters	Test Method	Typical Results	
SAE Viscosity Grade		15W40	20W50
Density @ 15°C gm/cm3	ASTM D1298	0.8495	0.8515
Viscosity Index	ASTM D2270	128	126
Viscosity @ 100°C (cSt)	ASTM D 445	14.1	18.9
Pour Point °C	ASTM D 97	-33	-27
Flash Point (COC) °C	ASTM D 92	236	240
Sulphur, %wt	ICP/D 129	0.34	0.34
Sulphated Ash, %wt	ASTMD 874	0.55	0.55
TBN, mg KOH/g	ASTM D 2896	5.4	5.4

The information contained in this data sheet are indicative and correspond to the date of publication of this document. The above data are based on laboratory tests. It is the reader's interest to ensure whether the most recent version of the data sheet. A safety data sheet is available on request by our sales consultant. For more information, please contact the sales department.