

Product Data Sheet

Verio G-HP

Description and Applications

Saheli Verio G-HP is heavy-duty medium ash gas engine oil specially developed for use in modern, high-output trucks and buses using Liquid or Compressed Natural Gas (LNG/CNG) and Liquefied Petroleum Gas (LPG). It is formulated with high quality base stocks and performance additives specially developed for gas engines to provide excellent engine cleanliness, wear protection and overall performance. The advanced formulation of this oil provides excellent protection against oxidation and nitration and minimizes combustion chamber deposits. It meets the specification of major mobile natural gas engine manufacturers including Daimler, Volvo and MAN.

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 train wear protection
- Optimized ash prolongs life of valves/spark plugs while ensuring the detergency/TBN requirements
- Effective detergency and dispersancy keeps engine clean
- Extended drain capability due to relatively high TBN
- Very good TBN retention provides protection against corrosive wear by neutralizing acids

Applications

- Buses and trucks fitted with engines designed to run on 100% CNG but requiring relatively high TBN formulations in order to adequately control deposits and wear i.e MB and MAN engines
- Heavy duty trucks and buses using LNG, CNG and LPG and requiring MAN M 3271-1 and/or MB 226.9 quality fluids
- Other spark ignition natural gas engines requiring API CF-4 quality oils
- Light-duty CNG vehicles requiring superior quality oil or operating under severe service conditions

Specifications

- **API CF-4**
- **Volvo CNG, Renault RGD**
- **MAN M3271-1, MB-Approval 226.9**

Test Parameters	Test Method	Typical Results
SAE Viscosity Grade		15W40
Density @ 15°C gm/cm ³	ASTM D1298	0.894
Viscosity Index	ASTM D2270	137
Viscosity @ 100°C (cSt)	ASTM D 445	14.0
Pour Point °C	ASTM D 97	-30
Flash Point (COC) °C	ASTM D 92	222
Sulphated Ash, %wt	ASTMD 874	0.98
TBN, mg KOH/g	ASTM D 2896	7.1

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.