

Mabanol Neon HA 40

Gas Engine Oil (High Ash)

Application

Mabanol Neon HA 40 has been developed for application in highly stressed petrol and diesel gas engines, including turbo charged units. This oil corresponds to the requirements of leading gas engine manufacturers and is also suitable for operation with catalytic converters.

Properties

The high acid neutralisation capability guarantees reliable protection against corrosion and wear in operation with combustion gases containing large amounts of sulphur and hydro-sulphides, such as sewer and bio gases and untreated natural gases. The ash containing HD additives prevent the troublesome build-up of sludge and varnish in both the crank-case and combustion chambers.

Specifications

- SAE Grade 30 and 40
- API CF

Approved under different title / recommended for

- MAN 3271-4
- Jenbacher 1000-1109 Class B (Biogas)
- MWM/Caterpillar
- Waukesha
- Wärtsilä
- Perkins
- Ruston
- MDE – Dezentralised energy systems

Data

SAE Grade

	Test method	Unit	30	40
Density at 15°C	DIN 51 757	g/cm ³	0,889	0,892
Kin. Viscosity at 40°C	DIN EN ISO 3104	mm ² /s	103	135
Kin. Viscosity at 100°C	DIN EN ISO 3104	mm ² /s	11,5	13,5
Viscosity Index (VI)	DIN ISO 2909		99	97
Flash point COC	DIN ISO 2592	°C	272	272
Pourpoint	DIN ISO 3016	°C	-24	-21
Total base number	DIN ISO 3771	mgKOH/g	8,7	9
Sulphated ash	DIN 51 575	g/100g	0,85	0,86

Updated in August 2016

The above values may vary within the commercial limits.

Customs Tariff No.: 2710 1981