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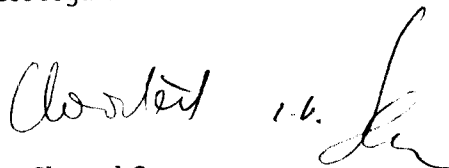
Q8 Mahler MA 40 Approval Trial at Eberswalde

Dear Mr. Hensen

At the site "Eberswalde – Germany" the approval trial for the lubricant Q8 MAHLER MA 40 was successfully performed.

Therefore this product will be included to our lubricant selection according the Technical Instruction 1000 – 1107, concerning Jenbacher Engines Serie 6 in Natural and Non Natural Gas Application and Jenbacher Engines Serie 1, 2 and 3 in Natural Gas Application, at the next update.

Best regards



i.A. Chvatal Susanne
JENBACHER A. G.

1. Validity:

The present Technical Instruction applies to:

Leanox engines of standard series 6 with or without oxydation-type catalytic converter in all applications (sweet gas, biogas, landfill gas and special gas),

Engines of standard series 2,3 and 4 if oil with a low ash content is required,

Engines which are equipped with a three-way catalytic converter.

















2. Requirements concerning the lubricating oil:

- SAE40
- additives suited to spark-ignition gas operation rather than diesel or regular gas
- API "CC" or MIL-L-2104 B;
- corrosion test CRC L-38 must be able to be compridged
- Sulfate ash according to DIN 51575 smaller than 0,5 weight %
- with TBN not below 3 mg KOH/g, if possible above 4 mg KOH/g
- Phosphorus contents maximum 800 ppm.

3. Note:

The sulphate-ash content can, depending on the operational conditions of the engine, affect the service life of the lubrication oil. It is very important that you take into the account oil ageing and/or that the used-oil analyses limit values (according to TD 1000-0099B) are met.

Selection chart

	Pegasus 705		Geostar Low Ash SAE 40		Motor Gas SAE 40
	GEUM BG 40		Troncoil Gas 40		Mysella LA 40
	Degasol LA 40		Dea Ectan LA40 Titan Ganymet LA40		Texaco Geotex LA 40
	Gasmotorenöl LA 40		Mineralöl: ESTOR PC 40 Synthetisch: ESTOR SPC		OMG 40
	Energol IC-DG 40 S		405		Low Ash SAE 40
	Mahler MA SAE 40				