



Product Data Sheet:

GAS ENGINE OIL MA 40

Product Description:

GAS ENGINE OIL MA 40 is a heavy duty, medium ash natural gas engine oil and is formulated from highly refined paraffinic base oils and a medium ash additive package.

GAS ENGINE OIL MA 40 is formulated to provide exceptional control of deposits, wear, valve recession, oxidation and nitration control in natural gas engines requiring an intermediate ash level such as in Superior and “lean burn” Waukesha engines as well as engines running on sour gas or “Dual Fuel”.

GAS ENGINE OIL MA 40 is compatible with the “Non Selective Catalyst Reduction” (NSCR)-type catalysts due to its low phosphorus level.

GAS ENGINE OIL MA 40 is compatible with exhaust catalysts of NSCR-type, has excellent resistance against formation of deposits, maximum protection against corrosion and nitration, protects valves and minimizes corrosive wear.

Specifications: Exceeds: API CF

Property:	Test Method:	Typical Values:
Viscosity Grade	SAE J300	40
Density @ 15°C	ASTM D4052	896 kg/m ³
Kinematic Viscosity @ 40°C	ASTM D7042	143 mm ² /s (cSt)
Kinematic Viscosity @ 100°C	ASTM D7042	14.5 mm ² /s (cSt)
Viscosity Index	ASTM D2270	>95
Flash Point	ASTM D92	>240°C
Pour Point	ASTM D97	<-15°C
Total Base Number	ASTM D2896	8.4 mgKOH/g
Sulphated Ash	ASTM D874	0.85 wt%

Product nr: 4450

Date Issued: 07/05/2012

Date Superseded: 12/11/2011

Revision nr: 02