

TECHNICAL DATA SHEET

TOP GAS 600 SERIES



DESCRIPTION

TOP GAS 600 Series natural gas engine oils consist of two monograde lubricants; LA40 and MA40. Both are SAE 40 engine oils formulated with industry-leading detergent components, which deliver enhanced engine reliability and help to ensure trouble-free operations. They provide resistance to oxidation and nitration, and reduce piston deposits. It contained a balanced alkaline reserve (TBN) to neutralize acids generated over an extended service interval.

TOP GAS 600 LA40 is a low-ash, dispersant-detergent gas engine oil formulated to provide robust protection even under heavy loads in natural gas applications. This competitive product offers reliable corrosion resistance and prevents ring-sticking in today's modern, fuel-efficient and low emission gas engines.

TOP GAS 600 MA40 is a superior medium-ash gas engine oil with outstanding deposit controls on valves and pistons. Valve recession situation is better controlled with this medium-gas oil. It has excellent oxidation and nitration resistance.

APPLICATIONS

TOP GAS 600 LA40 is a high quality oil recommended for use in 4-stroke spark ignition engines which require a low-ash oil and use natural gas containing low levels of sulphur and chlorofluoro-carbon (CFC) as fuel. It is formulated to meet catalyst compatibility requirements with low phosphorus levels.

TOP GAS 600 MA40 with a higher base reserve may be used in sour gas/high CFC applications such as engines fueled by landfilled gas.

SUMMARY OF BENEFITS

- Reduced ash content & minimizes sludge formation
- Valve recession protection
- Good protection against piston scuffing, ring and liner wear
- Protect and enhance the performance of gas engines in stationary and mobile applications
- Good engine cleanliness
- Superior oxidation and nitration protection
- Compatible with emission catalysts
- Lower maintenance cost and pollution

SPECIFICATIONS

COMPRESSION & POWER GENERATION

- CATERPILLAR G3500
- CATERPILLAR G3600
- WAUKESHA VHP
- SUPERIOR STGV
- DEUTZ 600
- GUASCOR FGLD
- JENBACHER TYPE 3
- JENBACHER TYPE 6
- MAN
- WÄRTSILÄ

LANDFILL SERVICE

- CATERPILLAR G3500
- JENBACHER TYPE 3
- JENBACHER TYPE 6
- WÄRTSILÄ

BIOGAS SERVICE

- CATERPILLAR 3400
- CATERPILLAR 3500
- DEUTZ
- JENBACHER TYPE 3

MOBILE SERVICE

- CUMMINS

STORAGE INSTRUCTIONS & HEALTH, SAFETY AND ENVIRONMENT INFORMATION

All packages should be stored under cover to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C. Health, safety and environmental information is provided for this product in the relevant Materials Safety Data Sheet, which can be obtained by contacting Gulf Western Oil on: 02 9673 9600.

AVAILABLE PACK SIZES

#

September 2022

GULF WESTERN PREMIUM QUALITY LUBRICATING OILS (AUST) PTY LTD

Head Office: 92-96 Links Road, St Marys NSW 2760 - PO BOX 515 Kingswood, NSW 2747
Phone: 02 9673 9600 - Fax: 02 9623 6466 - Email: sales@gulfwestern.com.au - Web: www.gulfwestern.com.au

TECHNICAL DATA SHEET

TOP GAS 600 SERIES



GRADE	TEST METHOD	LA40	MA40
APPEARANCE	Visual	Amber liquid	Amber liquid
DENSITY @15°C, kg/l	ASTM D4052	0.875	0.880
KINEMATIC VISCOCITY, cSt	ASTM D445		
@40°C		124.9	135.2
@100°C		13.5	14.3
VISCOCITY INDEX	ASTM D2270	103	104
FLASH POINT COC, °C	ASTM D92	230	236
POUR POINT, °C	ASTM D97	-21	-18
PHOSPHORUS, %m	ASTM D4951	0.025	0.029
SULPHATED ASH, %m	ASTM D874	0.46	0.53
TBN, mg KOH/g	ASTM D2896	5.6	6.5

Typical characteristics are only a guide to industry and are not necessarily manufacturing or marketing specifications and do not constitute any legal liability.