



# GASMA X SAE 40

Mineral

## DESCRIPTION

**MOTUL GASMA X SAE 40** is a high performance state-of-the-art mineral engine oil dedicated to the latest generation of 4-stroke engines running with natural gas and requiring low ash oil.

**MOTUL GASMA X SAE 40** high quality base oil and latest additive technology provides superior valve recession protection in order to reduce nitration phenomena. The additive system reduces sludge deposit and plug fouling leading to increased spark plug life enabling longer operating life and lowering maintenance costs.

## ADVANTAGES

- Reduced valve wear
- Very low piston deposit and sludge formation
- Optimized drain interval and lifecycle cost
- Low maintenance costs

## TECHNICAL CHARACTERISTICS

CHARACTERISTICS	METHOD	GASMA X SAE 40
Viscosity grade	SAE J 300	SAE 40
Density at 20°C (68°F)	ASTM D1298	0.875
Viscosity at 40°C (104°F)	ASTM D445	121.0 mm <sup>2</sup> /s
Viscosity at 100°C (212°F)	ASTM D445	13.8 mm <sup>2</sup> /s
Viscosity Index	ASTM D2270	111.0
Pour point	ASTM D97	-0.4 °C / -33.0 °F
Sulfated Ash	ASTM D874	% weight 0.50
TBN	ASTM D2896	7.3 mg KOH/g
Flash point	ASTM D92	230.0 °C / 446.0 °F



## STANDARDS / APPROVALS / PERFORMANCE LEVEL

**GASMA X SAE 40** received approvals from:

- MWM - TCG

**GASMA X SAE 40** meets or exceeds the most common specifications and OEM requirements:

- CATERPILLAR - 3516H
- Bergen Engines - B35:40V (natural gas)
- Innio Jenbacher - Type 2, Type 3, Type 4 (versions A&B), Type 6 (versions C&E) Natural gas (Class A)
- WÄRTSILÄ - Engine types 175SG, 220SG, 25SG, 28SG, 31SG, 34SG, 50SG, 20DF, 31DF, 32DF, 34DF, 46DF and 50DF with natural gas as main fuel

## RECOMMENDATIONS

Drain interval: Refer to manufacturer's recommendations and adjust to your own use (engine type, service).

Can be mixed with synthetic or mineral oils.

## IMPORTANT NOTICE

All information and rules about health, safety and the environment are mentioned on the safety data sheet. It provides information about risks, safety procedures and first aid emergency rules. It clarifies all procedures to implement in the case of an accidental spillage, and for the disposal of the product and its effects on the environment. The safety data sheet is available on [www.motul.com](http://www.motul.com).

Our product contains natural additives which are likely to modify the colour of the concentrates without altering its performance. The specifications of our products are definite only at the time of order, and are subject to our general sale and guarantee conditions. To give our customers the latest technical developments, the general characteristics of our products may vary.