

Lubricants for industry.

Troncoil Biogas Low Ash



Advanced technology lubricant with low ash content recommended for stationary gas engines using landfill gas, biogas, and sewer gas.

> Use

- Product formulated with highly refined and select paraffinic base oils and new-generation additives, especially recommended for 4-stroke engines using gas from anaerobic decomposition of urban waste as fuel, with great efficiency in neutralizing the chlorinated organic acids and hydrogen sulfide in the gas.
- This oil is optimal for use in modern engines designed with higher effective pressures, and therefore that are more sensitive to ash and prone to detonation effects.

> Benefits

- Balanced reserve alkalinity with adequate retention of alkalinity. Excellent neutralization of acids formed by combustion.
- Remarkable resistance to foaming and corrosion.
- Exceptional oxidation stability and nitration stability.
- Excellent protection against piston and jacket wear.
- Maximum protection of valves and seats.
- Low tendency to the formation of deposits and carbonaceous residues, stains and sludge.
- Longer service life, providing longer drain intervals in engines.

> Specifications

- CATERPILLAR
- INNIO Jenbacher TA-1000-1109 Series 2, 3, 4 and 6 – Gases B and C
- MAN
- MWM DEUTZ TR 2105

> Physical and chemical properties

Parameter	Units	Method	Troncoil Biogas Low Ash
SAE Grade	-	-	40
Density 15° C	g/cc	ASTM D-4052	0.8727
Flash Point V/A	°C, min.	ASTM D-92	>220
Pour point	°C	ASTM D-97	-30
Viscosity at 100° C	cSt	ASTM D-445	13.35
Viscosity at 40 °C	cSt	ASTM D-445	120
Viscosity Index	min	ASTM D-2270	108
Base number	mg KOH/g	ASTM D-2896	4.5
Sulfated ash	% p	ASTM D-874	0.55

> Health & safety and environment

A Material Safety Data Sheet providing information on product hazards, handling precautions, first aid measures, and relevant environmental data is available for this product as per applicable legislation.