

Eiffel Engas ESP series

High Performance Low Ash (<0.5%) Gas Engine Oils



Product Data Sheet

Product Description

Eiffel Engas ESP series are high quality gas engine oils specifically blended with severely refined high quality Group II base stocks and sophisticated additive technology with low ash and optimum phosphorus/zinc content to ensure outstanding engine performance and protection, intended for use in highly rated spark ignition natural gas, biogas and dual-fueled four-stroke engines which require low ash engine lubricants.

Features & Benefits

- Excellent ashless detergency, dispersancy and alkalinity not available in oils with lower performance additives.
- Low ash level helps to control wear on valve faces and valve seats on some natural gas engines.
- Excellent resistance to shearing at extreme operating conditions and retains its lubrication film.
- Outstanding oxidation & thermal stability reduces sludge build up and keeps the engine cleaner.
- Outstanding wear protection to extend engine efficiency and service life.
- Low volatility of Group II base oils, helps in low oil consumption at high operating engine temperatures.
- Improved resistance to deposit formation helps keep engine clean.

Specifications

Eiffel Engas ESP range meets or exceeds following International and Builder specifications:

- API CF
- GE Jenbacher 6E
- MAN 3271-2
- MWM Natural Gas/Biogas
- Wartsila
- MTU
- Waukesha
- Caterpillar
- Perkins
- Rolls Royce

Application

- Caterpillar, Wartsila, Waukesha, GE Jenbacher, MTU and other turbocharged, naturally aspirated, low to high-speed four-cycle engines requiring low ash lubricants.
- Systems with catalytic converters used in both field pumping stations and in co-generation units at hospitals, industrial parks, shopping malls and other locations.

Typical Characteristics

Eiffel Engas ESP	Test Method	Units	30	40
Density @ 15 °C	ASTM D 4052	gm/cc	0.885	0.890
Viscosity @ 100 °C	ASTM D 445	cSt	10.5	13.5
Viscosity @ 40 °C	ASTM D 445	cSt	86.5	124
Viscosity Index	ASTM D 2270	-	104	104
Pour Point	ASTM D 97	°C	-21	-21
Flash Point (COC)	ASTM D 92	°C	240	250
Sulfated Ash	ASTM D 874	Wt%	0.46	0.46
Total Base Number	ASTM D 2896	mg KOH/g	5.7	5.7
Phosphorus	ASTM D 4951	ppm	285	285

The above figures are typical of blends with normal production tolerance and do not constitute a specification.