



# SUPER GAS ENGINE OIL PLUS

Premium Quality Low and Medium Ash Gas Engine Oils

PSO Super Gas Engine Oil Plus, a top-tier gas engine oil meticulously developed to deliver exceptional performance. This semi-synthetic oil is a blend of superior quality synthetic and hydro-treated base oils, fortified with a robust additive package. Tailored for 4-stroke stationary engines running on natural gas, it proves its tendency in both naturally aspirated and turbocharged engines. PSO offers Super Gas Engine Oil Plus in low ash and medium ash variants for precise application.

## Benefits

- Outstanding resistance to oxidation and nitration by, neutralizing acid formation.
- Balanced sulphated ash level optimizes valve surface lubrication, reduces valve seat recession and prevents spark plug fouling.
- Optimal TBN value neutralizes corrosive acid formation during dry and hot combustion, reducing engine components' downtime.
- Advanced additive technology includes selected detergent/ dispersant components, ensuring exceptional cleanliness of pistons and all moving parts, thus maximizing service life of engine.

## Applications

- Ideal for moderate service turbocharged stationary engines fueled by natural gas.
- Equally suitable for dual-fuel gas engines ignited by diesel pilot fuel.

## Performance Standards

- API CF
- Wartsila 4T
- Caterpillar
- Niigata
- Waukesha
- Guascor
- Jenbacher
- Cummins
- Dresser Rand
- MAN Diesel & Turbo 4T
- MTU
- MWM

## Typical Characteristics\*

PROPERTIES	METHODS	TYPICAL RESULTS	
ASH		Low Ash	Medium Ash
SAE		40	40
Density @ 15°C, kg/L	ASTM D-4052	0.8650	0.8664
K. Viscosity @ 40°C, cSt	ASTM D-445	111.50	113.30
K. Viscosity @ 100°C, cSt	ASTM D-445	14.4	14.6
Pour Point, °C	ASTM D-97	-21	-21
Flash Point (COC), °C	ASTM D-92	242	242
Viscosity Index	ASTM D-2270	132	131
Total Base Number, mg KOH/g	ASTM D-2896	5	9
Sulphated Ash, Wt. %	ASTM D-874	0.49	0.78

\*These typical characteristics mentioned are based on current mean values.

Based on available information, this product does not contain any component that may produce any significant hazard to health when used for the recommended application. Guidelines for health and safety are available in Material Safety Data Sheet of the product. Dispose of used oil, containers, cartons labels in an environment friendly manner. Do not discharge used oil into drain, soil or water. Advice on application not covered in this leaflet, may be obtained from lubricants.technical@psopk.com