

# GEO SH® (Ashless) Gas Engine Oil Series

## Natural gas engine oil



### Your benefits at a glance

The end user benefits that can be anticipated with the use of Summit GEO SH (Ashless) Series include:

- Engine thermal efficiency improvements
- Horsepower improvements in BHP-hr throughout the load range
- Cleaner engine operations & clean up of old deposits
- Significant reductions in engine component wear
- Excellent protection against poisoning or masking of catalytic components
- Negligible nitration degradation while operating at lean (low O<sub>2</sub> exhaust) or improved oxidation resistance under rich-burn conditions
- Extended ODI-oil drain intervals well beyond mineral-based competitors' formulations with the use of reputable laboratory used oil analysis service

Customer benefits:

- Reduced oil consumption
- Superior lubrication at all temperatures
- Longer engine life

- Faster starting in cold weather conditions

### Your requirements - our solution

Summit GEO SH (Ashless) Series are unique ashless, soft medium TBN gas engine oils manufactured from the finest synthetic base oils to optimize performance. Summit GEO SH (Ashless) Series gas engine oils are recommended for those two-stroke and four-stroke engines that are more sensitive or prone to fouling from metallic detergent additives that would contribute to combustion chamber deposits, spark plug fouling or ash pounding. They can be used in lean- or rich-burn service, naturally aspirated or turbo-charged engines. They are formulated with the latest in gas engine oil additive technology with oxidation & nitration inhibitors and nitrogen-based, non-metallic dispersants to disperse combustion by-products for improved engine cleanliness.

### Material safety data sheets

Material safety data sheets can be requested via our website <https://www.klsummit.com>. You may also obtain them through your contact person at Summit Lubrication.

Characteristics	GEO SH-40
Article number	340044
Density, 20°C	approx. 0.850 g/cm <sup>3</sup>
Flash point, ASTM D92, Cleveland open cup	≥ 240 °C
Sulfated ash	NIL % by weight
Kinematic viscosity, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 100°C	approx. 14.0 mm <sup>2</sup> /s
Kinematic viscosity, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 40°C	approx. 98.3 mm <sup>2</sup> /s
Viscosity index, ASTM D2270	approx. 146
Pour point, DIN ISO 3016, ASTM D97, ASTM D5950, ASTM D7346	approx. -54 °C
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	36 months

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## Summit Lubrication

Your expert in specialty lubricants. Since 1982, we have partnered with you to bring you the right solution and advanced lubrication technologies. With over 500 products, from air and gas compressor oils to refrigeration oils, we develop top-of-the-line products tailored to your specific needs. Your success is our success.

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