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Product Data Sheet

NOTE: The information in this publication is the result of careful testing in our laboratories, complemented by selected literature. It does not in any way constitute a guarantee, nor does it serve as a license to operate any patent. Due to widely varying conditions of product use, which are beyond our control, it is strongly recommended that the product be tested for suitability. Product typical properties in this publication are current.

NATURAL GAS ENGINES

GEO SH® (Low Ash) GAS ENGINE OIL SERIES

Summit GEO SH-130 and GEO SH-140 are low ash, balanced medium TBN gas engine oils manufactured from the finest synthetic base oils to optimize performance. Summit GEO SH-130 and GEO SH-140 are recommended for lean- or rich-burn service in two-stroke and four-stroke gas engines, naturally aspirated or turbo-charged. They are formulated with the latest in gas engine oil additive technology comprised of superior anti-wear and anti-scuff agents, oxidation & nitration inhibitors and detergent-dispersants to neutralize corrosive gas components, provide excellent protection against valve component recession or beat-in and disperse combustion by-products for improved gas engine cleanliness and low combustion chamber deposits.

Additional end user benefits that can be anticipated with the use of Summit GEO SH® (Low Ash) Series include:

- Horsepower improvements in BHP-hour throughout the entire load range
- Engine thermal efficiency improvements
- Reduced oil consumption
- Easier cold weather starting
- Significant reductions in bearing & component wear
- Negligible nitration degradation while operating at lean (high O₂ exhaust) or improved oxidation resistance under rich-burn conditions
- Extended ODI-oil drain intervals well beyond mineral-based competitors' formulations with the use of a reputable laboratory used oil analysis service

Physical Properties

PRODUCTS	GEO SH-130	GEO SH-140
SAE Grade	30	40
Viscosity		
@ 40°C, cSt	71.0	94.2
@ 100°C, cSt	11.0	13.5
Viscosity Index	145	144
Flash Point, °F (°C)	525 (274)	550 (288)
Pour Point, °F (°C)	-40 (-40)	-53 (-47)
Sulfated Ash, % wt.	0.5	0.5
TBN	5.5	5.5

Shelf Life: Product shelf life is 3 years from the date of manufacture, after which the product should be recertified prior to use.

