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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 PS (Low Ash) GAS ENGINE OIL SERIES

*Summit GEO PS-130 and GEO PS-140 are low ash, balanced medium TBN gas engine oils manufactured from a blend of synthetic and mineral base stocks to optimize performance at a lower operating cost versus the full synthetic formulations like **Summit GEO SH (Low Ash) Series** or **GEO SH-140 CA**. Summit **GEO PS-130 and GEO PS-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 PS (Low Ash) Series** include:*

- 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 2 to 3 times beyond mineral-based competitors' formulations with the use of a reputable laboratory used oil analysis service

Physical Properties

PRODUCTS	GEO PS-130	GEO PS-140
SAE Grade	30	40
Viscosity		
@ 40°C, cSt	94.5	119.2
@ 100°C, cSt	11.2	13.5
Viscosity Index	105	110
Flash Point, °F (°C)	500 (260)	540 (282)
Pour Point, °F (°C)	-25 (-32)	-42 (-41)
Sulfated Ash, % wt.	.51	.50
TBN, mg /KOH/g	4.89	4.77

Customer Benefits:

*Reduced oil consumption
Superior lubrication at all temperatures
Longer engine life
Faster starting in cold weather conditions*

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