PETRON® CORPORATION

Petro Lube 700 Series

Synthetic Gear Oil

Product Data Sheet

Product Description

Petro Lube 700 series high performance synthetic extreme pressure (EP) gear lubricants are designed to provide extended oil life, outstanding wear protection, and improved equipment life under the most extreme conditions. Petro Lube 700 series lubricants are formulated from high-quality polyalphaolefin (PAO) synthetic base stocks combined with advanced EP technology additives. Petro Lube 700 can provide increased gear efficiency when compared to mineral base fluid in a variety of gear drive systems. In many applications, especially at operating temperatures which are severe or marginal for petroleum oils, the cost/value relationship of using a Petro Lube 700 gear lubricant is more than offset by improved efficiency, extended drain intervals, decreased maintenance, and reduction in equipment downtime.

Features & Benefits

- Full synthetic technology increases gear efficiency
- Synthetic technology extends service life and drain intervals
- Superior thermal stability to extend life
- Superior load wear and extreme pressure (EP) properties to reduce wear
- High viscosity index (VI) to maintain viscosity at high temperatures
- Rust and corrosion protection
- Low pour point for low temperature applications

Product Application

- Applications requiring EP oils
- Gear reducers – worm gears
- High impact gear drives
- Mobile gear drive systems
- Low and high ambient temperature gear applications

Notes: If you require further information contact Petron at: info@petroncorp.com

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Typical Properties of the Petro Lube 700 Series

Typical Data								
Test	ASTM Method	704	705	706	707	708	709	710
Color	D1500	Light Yellow	Light Yellow	Light Yellow	Light Yellow	Light Yellow	Light Yellow	Light Yellow
Viscosity (40°C)	D445	150	220	320	460	680	1000	1500
Viscosity (100°C)	D445	20	26	36	50	62	80	117
Viscosity Index	D2270	160	160	160	160	160	165	170
Pour Point (°F)	D97	-60	-50	-45	-40	-30	-25	-17
Flash Point (°F)	D92	400	400	400	400	400	400	400
Copper Corrosion	D130	1b	1b	1b	1b	1b	1b	1b
Rust	D665	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Weld Point (kgf)	D2596	400	400	400	400	400	400	400

Testing listed is typical, no warranty is expressed or implied regarding results obtained from use. Information contained on this Product Data Sheet is subject to change without notification. Seller shall not be liable for any loss or damage.