Kiln Lube 300

Open Gear Lubricant

Product Data Sheet

Product Description

Petron Kiln Lube 300 Open Gear Lubricant is designed for slow-moving open gear drives on stationary rotating machinery found on kilns, dryers, and digesters operating at both low and elevated temperatures. Petron Kiln Lube 300 is a high viscosity, synthetic open gear lubricant designed for use in a sump, or bath-type applications. Its unique formulation provides the needed high viscosity protection at elevated operating temperatures yet stays fluid at cooler temperatures when equipment is down, aiding in trouble-free startups. The addition of a proprietary blend of extreme pressure additives and friction modifiers contribute further to the separation of gear teeth during the sliding motion encountered on slow-moving gears. Petron Kiln Lube 300 has been designed with special oxidation-resistant additives to provide extended drain intervals.

Features & Benefits

- High viscosity synthetic lubricant designed for use at both low and elevated temperatures
- Extreme pressure additives and friction modifiers aid in gear tooth separation at slow speeds
- Lubricant stays fluid at cooler temperatures when equipment is down aiding in trouble-free startups
- Oxidation-resistant additives provide extended drain intervals

Product Application

Kiln Lube 300 can be used in kilns, dryers, and digesters.

Kiln Lube 300 is designed for use in a sump, or bath type applications on slow-moving open gears.

Kiln Lube 300 is designed specifically to address the need for a high viscosity bath-type open gear lubricant that stays fluid, not only during operation but also when equipment is not in use allowing for a trouble-free start-up.

Kiln Lube 300 is available in pails, kegs, and drums.

Notes

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

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Open Gear Lubricant

Property	Test Method	Typical Data
Viscosity, cSt @ 40°C	ASTM D445	9,600
Viscosity, cSt @ 100°C	ASTM D445	365
Viscosity Index	ASTM D2270	169
Specific Gravity	ASTM D1298	0.91
Flash Point	ASTM D92	400°F (204°C)
Pour Point	ASTM D97	43°F (6°C)
4 Ball, Weld, kg	ASTM D2596	250
Load Wear Index	ASTM D2596	59.3
4 Ball Wear (scar diam., mm)	ASTM D2266	0.45
4 Ball Wear Coefficient of Friction (mm)	ASTM D2266	0.085
Copper Corrosion	ASTM D130	1B

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