



KILN LUBE Open Gear Lubricant

Product Data Sheet

Product Description

Petron Kiln Lube 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 is a high viscosity, synthetic open gear lubricant designed for use in spray, 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 has been designed with special oxidation-resistant additives to provide extended drain intervals. Petron Kiln Lube is available in two viscosities, KL200 and KL300, to accommodate a wide ambient temperature range.

Features & Benefits

- Available in two viscosities to accommodate a wide ambient temperature range.
- 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

Petron Kiln Lube is designed for use in spray, sump or bath type applications on slow-moving open gears found on kilns, dryers and digesters.

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

Notes

Petron Kiln Lube 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 trouble-free start-up.

If you require further information e-mail Petron at info@petroncorp.com or call 1-800-757-5796.

Kiln Lube Open Gear Lubricant

Property	Test Method	Typical Data	
		KL200	KL300
Viscosity	ASTM D-445		
cSt @ 40°C		6,975	10,619
cSt @ 100°C		236	359
Viscosity Index	Calculated	136	157
Flash Point	ASTM D-92	401°F / 205°C	401°F / 205°C
Pour Point	ASTM D-97	21°F / -6°C	43°F / 6°C
Copper Corrosion	ASTM D-130	1B	1B
Load Wear Index	ASTM D-2596	59.26	59.26
Last Non-Seizure Load (kg) / Scar Diam (mm)	ASTM D-2596	126/0.45	126/0.45
Last Seizure Load (kg) / Scar Diam (mm)	ASTM-2596	200/1.28	200/1.28
Weld Load (kg)	ASTM D-2596	250	250
Four Ball Wear with Coefficient of Friction (mm)	ASTM D-2266	0.085 (avg)	0.085 (avg)
Density, Specific Gravity @ 60°F	ASTM D-1298	0.9059	0.9065
Pounds/Gallon @ 60°F	ASTM D-1298	7.544	7.548

IMPORTANT: Before using Kiln Lube Open Gear Lubricant always be sure to read and follow precautions and directions for use appearing on the product container.