

**CRYSTAL "KLEER"
SOLUTION TO
PREVENT CREVICE
CORROSION!**



KLEERGEL®
ENVIRONMENTALLY FRIENDLY,
SYNTHETIC GREASE



ISO-9001:2015 CERTIFIED COMPANY - FM537405





Non-flammable, Non-staining, Non-toxic, and Environmentally Safe

KLEERTEL®'S HEAVY DUTY SYNTHETIC GREASE

This high performance synthetic grease is a non-staining, non-toxic multipurpose lubricant which outperforms all petroleum based greases and many synthetic greases. Kleergel®'s product is free of contamination and performs extremely well at high and low temperatures and under demanding conditions.

Synthetic lubricants, by nature, are not as easily prone to oxidation, emulsification and other destructive chemical reactions as petroleum based greases. Kleergel® further improves the performance of its grease with special anti-wearing, anti-rusting and anti-oxidative additives.

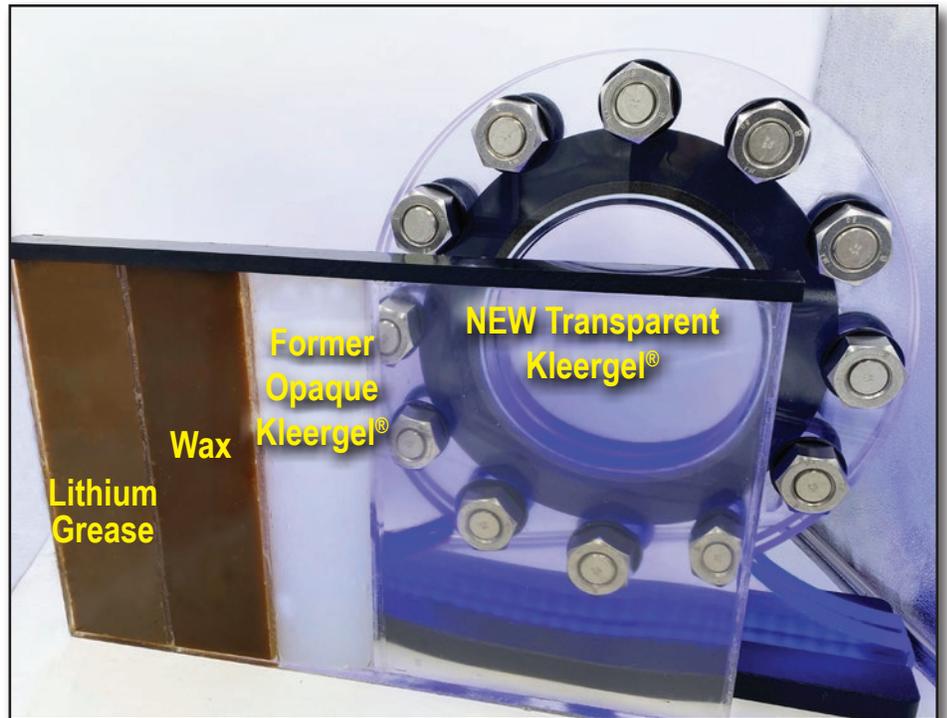
Petroleum based greases contain impurities which reduce film strength and decrease wear protection. These greases are produced by adding thickeners (calcium, sodium, lithium) to petroleum based oils, which form harmful deposits at high temperatures and solidify at low temperatures.

BENEFITS

- Superior transparency
- NSF H-1 certified "food-grade" lubricant
- Reduces cost by lasting on average four times longer than petroleum based lubricants
- Non-flammable, non-staining, non-toxic, clear and environmentally safe
- Machinery wears less and runs cooler, thus increasing its life expectancy
- Decreases friction, thereby reducing energy consumption
- Replaces all other specialized products, thus reducing inventory and confusion
- Reduces maintenance costs
- Available in 14 oz cartridges & 5 gallon pails

KLEERTEL® VS PETROLEUM BASED LUBRICANTS

Kleergel®	Petroleum Based Lubricant
Special ingredients provide excellent viscosity and film strength to reduce wear	Hardens at low temperature
Continuous operation temperatures at 375 °F	Forms gummy deposits and carbon at high temperatures
Contains no impurities and remains flexible at -50 °F	Contains impurities that may cause harmful viscosity changes and decrease wear protection



FEATURES:

- Non-toxic and non-staining with clear appearance
- Excellent adhesion – will not drip, run or evaporate
- Will not damage wood, leather, plastic, fabrics, metals or painted surfaces
- Maintains good viscosity over wide temperature ranges (-50 °F to 375 °F)
- Has antioxidant, anti-corrosive and anti-wear additives to ensure prolonged use (about four times longer life than conventional petroleum grease)
- Dielectric – will not conduct electricity
- Compatible with conventional petroleum based greases
- Biodegradable and non-flammable
- 100% synthetic with no petroleum distillates or contaminants
- Hydrophobic – 100% waterproof and will not wash out with hot, cold or salt water
- Industrial grade lubricant that is safe to use on bicycles, recreational vehicles, boats, automobiles and an unlimited number of household items
- Thixotropic properties provide excellent viscosity characteristics which ensure continued protection during wide temperature and load shearing changes
- USDA H-1 Category approved – meat and poultry plants with incidental food contact

KLEERTEL® CAN BE USED FOR BUT NOT LIMITED TO:

- Ball and roller bearings
- Plain and anti-friction bearings
- Wheel bearings
- Disc brake assemblies
- Paving equipment
- Food processing equipment
- Switch assemblies
- Water pumps
- Chassis points
- Derailers
- Fishing reels
- Forklifts
- Cams
- Cables
- Fifth wheels
- Valves
- Freezers
- Ovens
- Blowers
- Fans
- Chains
- Latches
- Car doors
- Hand trucks
- Radio antenna assemblies
- Gaming machines
- Snow removal equipment
- Electronic equipment
- Electric motor bearing
- Conveyors
- Open gears
- Parking meters
- Slides
- Hinges
- Garage door tracks
- Industrial machinery

KLEERTEL® CAN REPLACE PETROLEUM BASED GREASES FOR:

- Lithium, Calcium, Bentone, and Aluminum complex greases
- High temperature grease
- Low temperature grease
- Food grease
- Dielectric grease
- Multipurpose grease
- Electric motor grease
- Bearing grease
- Valve sealant
- O-ring lubricant
- Wheel bearing grease
- Marine grease

Criteria for Replacing Petroleum Based Greases with Kleertel® Synthetic Grease

1. Kleertel® synthetic grease has a National Lubricating Grease Institute (NLGI) rating of #1 for grease thickness. This is the same thickness of most multipurpose and bearing greases.
2. Temperature Range: Kleertel® synthetic grease will replace all greases that operate within a temperature range of -50 °F to 375 °F.
3. Application: Kleertel® synthetic grease can replace greases used for almost all applications except those that are used in extreme shock and pressure environments where molybdenum disulfide (Moly grease) or anti-seize lubricant is recommended.

MATERIAL SPECIFICATIONS

Shelf life - >10 years
Dielectric strength - 500 volts/mil (ASTM-D149)
Water content - (Karl Fisher Method) <.001%
Salt spray test - Pass (ASTM B117)
Rust preventative test - Pass (ASTM D1743)
Solubility in water - Insoluble



KLEERGEL® HEAVY DUTY SYNTHETIC GREASE AVAILABLE IN:

- 14 oz. cartridges (12 per case – 11 lbs.; Dimensions of Box: 9 ½" x 7" x 10")
- 5 gallon pails (35 lbs.; Dimensions of Pail: 12 ½" diameter x 15" tall)

OTHER PRODUCTS AVAILABLE

- Kleerband® Flange Band Protectors
- Radolid® Bolt and Nut Protection Caps
- Casing Spacers and End Seals
- Innerlynx® Modular Mechanical Seals
- IsoJoint® Monolithic Isolating Joints
- Foreman Nite Caps - temporary pipe plugs
- Flange Isolating Gasket Kits
- Integra Series Severe Service Gasket Kits



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