Benefits for Your Application
- Increased coupling life
- Significantly extended re-lubrication intervals
- Reduced maintenance costs
- Reduced downtime
- Superior lubrication
- High load-carrying capabilities
- Usable up to 250 degrees Fahrenheit (F) (121 C)
- Extended warranty

USDA Approval
Falk LTG has the United States Department of Agriculture (USDA) Food Safety & Inspection Service approval for applications where there is no possibility of contact with edible products (H-2 rating).

Packaging Options
Falk LTG is packaged to suit every need:
- Polybags — included with Sizes 1020T-1090T couplings for initial hand packing at installation
- 14-ounce (.4 kg) cartridges — for use in standard industrial lubrication guns
- 35-pound (15.9 kg) pails
- 120-pound (54.5 kg) kegs — for plants with many small couplings or large size couplings, best for hand packing
- 400-pound (181.8 kg) drums — for plants with a pressurized lubrication system
- A 10 pack of 14-ounce (.4 kg) cartridges

Falk Long Term Grease (LTG) for flexible shaft couplings.

Falk Long Term Grease Product Sheet

Our engineers have spent years measuring the wear rates on coupling components using various lubricants and coatings. Virtually every common industrial lubricant has been centrifuged under laboratory conditions per American Society for Testing and Materials (ASTM) standard test methods for “Oil Separation from Lubricating Grease by Centrifuging.” The results of extensive research indicated that greases with high viscosities and low bleed rates produce the longest life. Falk® LTG is specially formulated to provide superior lubrication for flexible shaft couplings.

How LTG works
The consistency of Falk LTG changes with operating conditions. As manufactured it is a National Lubricating Grease Institute (NLGI) #1 grade. Working of the lubricant under actual service conditions causes it to become semifluid while the grease near the seals will set to a heavier grade, helping to prevent leakage. Falk LTG is highly resistant to separation, easily outperforming all other lubricants tested. The resistance to separation allows the lubricant to be used for relatively long periods of time.

Compatibility
Falk LTG is compatible with most coupling lubricants. For optimum performance it is recommended that couplings be cleaned of old grease before packing with Falk LTG.

Extended maintenance intervals
Falk Steelflex® Grid Couplings — when Falk Steelflex Grid Couplings are initially lubricated with Falk LTG, scheduled periodic maintenance is not needed. You can now get the superior protective features of these couplings, plus the toughness of steel, and eliminate periodic maintenance expense. Rexnord recommends that such couplings be inspected and re-lubed only when the connected equipment is being serviced or the coupling is opened for alignment checks.

Falk Lifelign® Gear Couplings — re-lube intervals for sensitive gear couplings have been extended from six months to three years.

Warranties
When a new coupling is aligned, installed, lubricated and operated within the limits specified in the Falk Lifelign Gear Coupling or Falk Steelflex Grid Coupling installation instructions, the following warranties apply from date of purchase.

Falk Steelflex Grid Couplings are warranted for five years and Falk Lifelign Gear Couplings for three years when LTG is used. If other approved coupling greases are used, our standard one-year warranty applies to both coupling designs.
Lubrication facts

Separation — grease is a blend of oil and a thickener or soap. These compounds are not very stable and will eventually bleed or separate under the high centrifugal forces generated in many coupling applications. Once a grease begins to separate, the thickener accumulates in the areas where lubrication is required, and rapid wear of the contacting surfaces occurs. The oil is now free to leak out of the coupling past the seals, causing premature failure of the coupling.

Service intervals for all-purpose greases — it is common practice to lubricate all rotating equipment with one or two all-purpose greases. Most greases that are used as coupling lubricants were initially developed as bearing lubricants.

Maintenance and downtime — when failure occurs or until the more expensive drive coupling applications. Once a grease begins to separate, the thickener accumulates in the areas where lubrication is required, and rapid wear of the contacting surfaces occurs. The oil is now free to leak out of the coupling past the seals, causing premature failure of the coupling.

Falk Steelflex Grid Couplings use Falk LTG Grease or equivalent for all speeds. For Falk Lifelign Gear Coupling speeds below these values, use NLGI #0 grease. For coupling speeds less than half of these values use an EP (extreme pressure) oil. When using oil lubrication, be sure to seal keyways and flange connection to prevent leakage.

Material Safety Data Sheet (950401) available at: www.rexnord.com/documentation

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