



As the world's leading manufacturer of flexible shaft couplings, KOP-FLEX was one of the first companies to develop greases especially for use as shaft coupling lubricants. KOP-FLEX recognized that couplings must use greases with certain special qualities, and as the company most likely to understand these very special needs, KOP-FLEX knew that most commercial grease formulations will not insure adequate performance and are not ideal coupling lubricants.

Coupling grease, unlike bearing or general purpose grease, must withstand the centrifugal forces created by a rotating coupling. Coupling greases from KOP-FLEX® brand couplings are specifically formulated to resist the high centrifugal forces associated with all applications, including slow motor speeds. These forces can cause the all-important base oil to separate from the soap thickeners and additives. Unlike greases with lithium-based thickeners, KHP and KSG greases use polyethylene thickeners, with a density closer to that of oil, and are therefore much less susceptible to separation. Heavier thickeners and additives can separate and migrate into the gear teeth or other working parts, displacing the lubricating oils from where they are most needed.

All of our greases  
are lead free.

Container	Unit Wt	No. of Units	KSG Grease	KHP Grease	WAVERLY* LUBE "A"			
			Part No.	Part No.	Container	Unit Wt	No. of Units	Part No.
Grease Gun Cartridge	14 oz.	1	KSG 14OZ	KHP 14OZ	Pail	40 lb.	1	WAVERLY* LUBE A 40LB PAIL
Grease Gun Cart., Case	14 oz.	25	KSG 14OZ CASE	KHP 14OZ CASE	Keg	120 lb.	1	WAVERLY* LUBE A 120LB KEG
1 lb Can	1 lb.	1	KSG 1LB	KHP 1LB	Drum	400 lb.	1	WAVERLY* LUBE A 400LB DRUM
1 lb Can, Case	1 lb.	24	KSG 1LB CASE	KHP 1LB CASE				
5 lb Can	5 lb.	1	KSG 5LB	KHP 5LB				
5 lb Can, Case	5 lb.	6	KSG 5LB CASE	KHP 5LB CASE				
Pail	35 lb.	1	KSG 35LB	KHP 35LB				
Keg	120 lb.	1	KSG 120LB	KHP 120LB				
Drum	395 lb.	1	KSG 395LB	KHP 395LB				

WAVERLY\* TORQUE LUBE 'A' is available in 40-pound, 120-pound, and 400-pound containers and in bulk tank trailer loads of 12,000-pound minimum. Contact KOP-FLEX to order.

### Selection Guide to Coupling Greases

- KSG is excellent for standard and routinely serviced couplings operating at normal motor speeds.
- KHP has both exceptional lubricating and high operating temperature properties. As a general rule, if the coupling is balanced or if very long periods of operation are desired, use KHP.
- WAVERLY\* TORQUE LUBE 'A' is a special purpose grease for relatively slow speed, highly loaded mill spindle couplings. It is not intended for use in other types of couplings.

### Notice to Users

All of our grease is manufactured for KOP-FLEX® brand couplings and are for industrial use only. These products should not be ingested and should be properly stored and kept away from children. Read all container labeling and any precautionary statements. Material Safety Data Sheets are available upon request. Use absorbent material to clean up any spill and dispose of the waste in accordance with state and local regulations. No warranties, expressed or implied, including patent warranties, warranties of merchantability, fitness for use, are made by KOP-FLEX, Inc. with respect to products described on information set forth herein. Nothing contained herein shall constitute a permission or recommendation to practice any invention covered by a patent without a license from the owner of the patent.

### KSG Standard Coupling Grease

KSG is an NLGI Grade #1 coupling grease with E.P. additives for use in any grease-packed coupling, such as gear, grid, and chain-type couplings, in standard industrial service. Superior to the commonly available greases adapted to coupling use, KSG was developed specifically as a coupling lubricant.

### KHP High Performance Coupling Grease

KHP grease is an NLGI #1 grease with E. P. additives which exceeds the design requirements needed for extended operating and relubrication intervals. KHP grease is recommended for high-speed grease lubricated gear couplings in petrochemical, process, and utility industries.

### WAVERLY\* TORQUE LUBE 'A' Gear Spindle Grease

Torque Lube 'A' was developed to solve the special lubrication problems of relatively low speed, highly loaded gear spindle couplings used extensively in metal rolling mills. Torque Lube 'A' has consistently provided protection in applications demanding a lubricant with extreme pressure protection, high heat and shock loading, excellent wear protection, and resistance to water washout. This grease is compounded with a concentration of Molybdenum Disulfide and other additives to provide extreme pressure protection. These additives cannot resist the effects of centrifugal forces; therefore, WAVERLY\* TORQUE LUBE 'A' should not be used in a standard coupling without consulting KOP-FLEX.

\*WAVERLY TORQUE LUBE 'A', is a trademark of Exxon Corporation & Witco Corporation, Bakerstown, PA.

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