

KOP-FLEX®

When it Comes to Choosing Performance Gear Couplings *The Solution is as Easy as 4, 1, 3...*

When we optimize our couplings for performance gear, we want them to perform. That's why we developed this simple formula – **4, 1, 3**. Choose one of our **four** coupling styles, and match it with the **one** and only grease that was specifically designed to enhance our wide variety of couplings. And you receive an extended, **three**-year warranty.

Performance gear couplings, specially designed KSG grease products, a three-year warranty – it's as easy as 4, 1, 3 – an unbeatable combination.

Four types of Kop-Flex® Gear Couplings – one of the industry's most extensive selections –



Fast's®

Series H

Fast's® Model B

Waldron®

Three year warranty – use our KSG grease with any of the four Kop-Flex gear coupling and receive a comprehensive, three-year warranty*. Contact EPT today for a copy of the warranty card!

One type of **coupling grease** – Kop-Flex KSG grease – for performance. Superior to commonly available grease that has been adapted for coupling use, KSG grease was developed specially as a coupling lubricant. KSG grease is excellent for standard and routinely serviced couplings operating at normal motor speed. As an NLGI grade #1 coupling grease, KSG grease features polyethylene thickeners, with a density closest to oil, therefore making it less susceptible to separation and displacement from the areas where it is needed most.



To take advantage of this special offer, call 1-800-626-2120 or 410-768-2000. Sign up online at www.emerson-ept.com

*Warranty as described in EPT's Standard Terms and Conditions of Sale (available from EPT Customer Service 1-800-626-2120 or at www.emerson-ept.com) will be extended to 3 years only if Kop-Flex KSG Grease is used in installation and regular maintenance per Kop-Flex gear coupling instruction sheets, and upon receipt of this completed warranty card. All other terms, conditions and limitations apply for the extended warranty period.





KSG Grease is excellent for standard and routinely serviced couplings operating at normal motor speeds.

KSG Grease is Lead Free!

Container	Unit Weight	Number of Units	KSG Grease	
			Part Number	
Grease gun cartridge	14 oz.	1	KSG 14 oz.	
Grease gun cartridge, case	14 oz.	25	KSG 14 oz. case	
1 lb. can	1 lb.	1	KSG 1 lb.	
1 lb. can, case	1 lb.	24	KSG 1 lb. case	
5 lb. can	5 lb.	1	KSG 5 lb.	
5 lb. can, case	5 lb.	6	KSG 5 lb. case	
Pail	35 lb.	1	KSG 35 lb.	
Keg	120 lb.	1	KSG 120 lb.	
Drum	395 lb.	1	KSG 395 lb.	

Grease Type	Application	Typical Speed	Coupling Type	Operating Range (F°)
KSG Standard	General Purpose Industrial	Standard Motor Speeds	Standard Gear, Grid and Chain	-40° to + 190°

Tests	KSG
Thickener	Polyethylene
% Thickner	6-15
Base Oil Viscosity (Typical)	
@ 100°, F, SSU	1500
@ 210°, F, SSU	100
@ 100°, C, CS	20
@ 40°, C, CS	300
NLGI Grade	1
Molybdenum Disulfide %	Not Required
Penetration — 60 Strokes (Worked) 10,000 Strokes	310-340 320-360
Timken* O.K. Load, Pound (ASTM D 2509)	40
Four Ball EP (ASTM D2596) Load Wear Index, Kg Weld Point, Kg	30 200
Four Ball Wear, Scar, MM (ASTM D 2265)	0.85
Dropping Point, °F (ASTM D566 or ASTM D 2265)	195
Anti-Rust Properties (ASTM D 1743)	Yes
Oxidation Resistance Mx Pressure Drop PSI in 100 Hours	5
Water Washout Test (ASTM D 1264)	Not Required
Centrifugal Separation, (ASTM D 4425)	K36=8/24
Operating Range, °F**	-40° to + 190° F
ScV (PSI-IPS) Compressive Stress-Sliding Veicity	150,000
Good for Couplings with a Tooth Hardness	150-330 BHN
Max Speed RPM	<3600
Color	Blue-Green

* Timken is a trademark/and or a trade name of The Timken Company.

** 420 BHN = 45 Rc 750 BHN = 65 Rc.

Note: Operating temperature is to be considered the surface temperature of the outer surface of the coupling. The ambient temperature should be approx. 30-50 degree below this since friction and misalignment generate heat and create a temperature rise in the coupling.

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