



## Dynalife CG

Dynalife CG is a high performance polymer-thickened lithium grease developed for use in grease-lubricated flexible couplings commonly found in mining equipment, power plants, manufacturing plants and chemical plants. It has exceptional resistance to oil separation when subjected to centrifugal forces normally encountered with medium and high-speed gear, metallic grid and chain couplings.

Dynalife CG is specifically formulated to the lower range of the NLGI No. 1 grade to meet most OEM requirements. It is manufactured with high viscosity base oils of the highest quality and thickened with lithium 12-hydroxystearate soap. It is fortified with special EP additives, oxidation and corrosion inhibitors and polymers to withstand the centrifugal action in couplings, and to make it adhere to the moving parts to provide the needed lubrication, minimize friction and extend the coupling life.

### **Applications**

- Gear, metallic grid and flexible-chain couplings
- Couplings commonly used in mining and gas field equipment
- Couplings and U-Joints operating under high centrifugal forces
- Couplings used in electric motors/gearboxes in industrial and chemical plants

Dynalife CG fully meets ANSI/AGMA CG-1 and CG-2 specifications for medium- and high-speed couplings manufactured by Browning®, Emerson, Falk, Fluden, Kop-Flex®, Koppers, Morse®, Reuland and others. It has outstanding performance in the Koppers K36 Centrifugal Oil Separation Test.

### **Outstanding Features**

- Outstanding resistance to oil separation
- Excellent thermal and oxidative stability
- Excellent rust and corrosion protection
- Excellent high temperature protection
- Excellent load-carrying ability
- Extended coupling service life

## High Performance Industrial Coupling Grease

**U.S. Technical Services  
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1-800-766-0050**

**U.S. Customer Service:  
1-800-822-6457**

**International:  
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## Dynalife CG

### Typical Properties

ASTM Test Method		
<b>NLGI Grade</b>		<b>0.5 to 1</b>
Thickener		Lithium
Color		Dark Amber
Texture		Tacky
Density, lb/gal		7.55
Cone Penetration, worked 60 strokes	D217	335
Cone Penetration, worked 10,000 strokes	D217	305
Dropping Point, °F (°C)	D2265	419 (215)
Timken OK Load, lbs	D2509	50
Oxidation Stability, 100 hrs,		
Pressure Drop, psi (kpa)	D942	5 (35)
Four-Ball EP, Weld Load, kgf	D2596	315
Four-Ball Wear, 75°C, Scar Diameter, mm	D2266	0.40
Rust Test	D1743	Pass
Koppers Centrifugal Oil Separation Test, K36,		
24 hrs, 50°C, vol%	D4425	<2
Base Oil Properties,		
cSt @ 100°C	D445	142
Usable Temperature Range,		
°F		0 to 320
°C		-18 to 160

Due to continual product research and development, the information contained herein is subject to change without notification.

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