

# COPAL EP GREASE



GREASE



Wash-resistant, heavy-duty aluminum complex grease

## APPLICATIONS

Severe service grease  
for mining, furnaces, etc.

- **COPAL EP GREASE** is an NLGI 1 grade, specialty grease designed for a wide range of applications. It is compounded from selected base oils, an aluminum complex thickener, moly (molybdenum disulfide) and graphite. It has exceptional mechanical stability, very high load carrying properties and excellent thermal stability. Aluminum complex greases are often utilized in hot wet and hostile environments such as steel mills.
- **COPAL EP GREASE** is formulated and recommended for applications calling for extreme pressure (EP) grease with high solids content such as for: kiln car wheel bearings, walking dragline mechanisms, oven door hinges, oven conveyors, blowers and furnace fan bearings in severe service applications.

## SPECIFICATIONS

- ISO 6743-9: L-XAGGB-1
- DIN 51502: KPF1P-0

## ADVANTAGES

Specialized grease with  
high solids content

- Strong adhesion to surfaces
- Excellent resistance to water or water wash off
- Highly shear stable with excellent EP properties
- Soft grease with high solids content allows lubrication under severe conditions
- Corrosion resistant

TYPICAL CHARACTERISTICS COPAL EP #1 GREASE	
Appearance, Visual	Smooth grey grease
Thickener Type	Aluminum Complex
NLGI Grade	1
Penetration Worked, 60x (ASTM D 217)	325
Dropping Point, °F (°C) ASTM D 2265	480 (249)
Timken OK load, D 2509	40 min
4-Ball EP weld load, kg	400
Base oil viscosity @ 40°C, cSt ASTM D 445	170
Operating Range, °F	0 to 275

TOTAL Lubricants USA Southwest

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**Copal EP Grease #1**  
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