



SMOOTHER WORLD BETTER LIFE

Technical Data Sheet

K-EP Open Gear Grease

Service Temperature

-10 °C to +180 °C

Examples of Application

- Open gears on cement ball and tube mills
- Girth gears and pinions on mining mills
- Large open gear drives on rotary kilns
- Open gear drives on power plant coal ball mills
- Open gears on rotary dryers and similar drums

Features and Benefits

- ✓ Soft, homogeneous grease texture
- ✓ Extreme-pressure protection for open gears
- ✓ Rust protection for metal surfaces
- ✓ NLGI 0 and 00 grades available

NLGI Grade	0	00	Test Method
Appearance	Black, viscous, homogeneous grease	Black, viscous, homogeneous grease	Visual
Worked Penetration, 0.1 mm	370	410	ASTM D217
Dropping Point, °C	210	210	ASTM D2265
Copper Strip Corrosion (100 °C, 24 h), Rating	1b	1b	ASTM D4048
Rust Prevention (52 °C, 48 h)	Pass	Pass	ASTM D1743
Weld Point (PD), N	7848	7848	ASTM D2596

Application Notes

- Applications include, but are not limited to, those listed. Select for load, speed, temperature and equipment requirements.
- For centralized or spray lubrication, check pumpability, nozzle suitability and coverage of the gear tooth surfaces.
- Check compatibility and remove old grease and contamination before changing. Relubricate and inspect gears as specified.
- Store sealed in a cool, dry, clean place. Prevent entry of water and contaminants.

Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Safety Data Sheet (SDS) are followed. The SDS is available upon request. Do not use this product for purposes other than the intended application. Take care to protect the environment when disposing of used product.