



SMOOTHER WORLD BETTER LIFE

Technical Data Sheet

QH-EP15000 Open Gear Oil

Service Temperature

-5 °C to +180 °C

Examples of Application

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

Features and Benefits

- ✓ High-viscosity mineral oil supports film retention
- ✓ Lubrication for heavily loaded open gears
- ✓ Extreme-pressure lubrication and friction reduction
- ✓ Clear oil enables observation of tooth surfaces

Property	Value	Test Method
Appearance	Dark yellow, clear viscous liquid	Visual
Base Oil Type	Mineral Oil	/
Kinematic Viscosity (40 °C), mm ² /s	16200	ASTM D445
Kinematic Viscosity (100 °C), mm ² /s	550	ASTM D445
Weld Point (PD), N	8000	ASTM D2783
Wear Scar Diameter (54 °C, 196 N, 1800 r/min, 60 min), mm	0.5	ASTM D4172

Temperature range applies to automatic spray lubrication. Oil delivery conditions must suit the equipment.

Application Notes

- Applications include, but are not limited to, those listed. Select for load, speed, temperature and equipment requirements.
- Check oil temperature, pumpability, nozzles and spray coverage. Set oil delivery to equipment requirements.
- Check compatibility and remove old oil and contamination before changing. Inspect tooth contact and lubrication regularly.
- 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.