



**500
ton load**

**6.6m ø
gear ring**

**40,000h
of operation**

**1.05m
gear width** **EP 0/00
grease**

Over 40,000 hours of operation with an approved molybdenum-containing grease. Gear performance deteriorates through continuous use at high loads and misalignment of the gear set results in operating temperatures exceeding the OEM's specification (21°C versus 7°C maximum) – having a direct impact to the health of the grease and the mill.

Six weeks to demonstrate the rejuvenation benefits of CuGlide™-powered synthetic EP 0/00 grease!

Large-scale autogenous (AG) geared grinding/tumbling mills from Metso:Outotec are crucial equipment for the processing of minerals. The large open ring gear system is the driving force of the mill, ensuring efficient rotation and effective crushing.

The correct grease is essential as the financial impact of failure is high!

CuGlide™ x Grinding Mill provides mill operators with renewed protection and temperature control of the rotating open gear set and an extension to both equipment and grease life.

EFFICIENCY

PRODUCTIVITY

TEMPERATURE

**LIFE
EXTENTION**

SAVINGS

Operational efficiency back to within OEM temperature specification (<7°C) after 1000 hours of operation.
Something the approved grease couldn't do!

Threefold reduction in working pressure of spray application system delivered uniform grease coverage, reduced friction, extended grease life, and reduced waste from overspray.

Effective removal (cleaning) of solid MoS₂ film formed by incumbent product rejuvenated efficiency.

Protective copper film began to reduce the temperature across the gear face after only 4 days.

CuGlide™, a transformative grease technology which benefits industrial mill users with improved operational efficiency, extended asset life, and improved business profitability.

It's time for change.

For more information on Neol's innovative lubricant technology contact www.neol.world