

KEEPING THE
WORLD
RUNNING
SMOOTHLY.



PHILLIPS 66® PHILSYN® MEP-EL
MODERN OFF-HIGHWAY VEHICLE GEAR OIL



RUGGED RESILIENCE

RUNS 4X LONGER THAN RECOMMENDED DRAIN INTERVALS

Phillips 66® PHILSYN® MEP-EL

Micropitting Extreme Protection - Extended Life



Scan for Product Data Sheet

DESIGNED FOR OPERATIONAL CLEANLINESS AND **SUPERIOR** WEAR PROTECTION

PHILSYN MEP-EL Gear Oils are premium quality, full synthetic, extreme-pressure (EP) gear lubricants with advanced micropitting protection. PHILSYN MEP-EL Gear Oils are specifically formulated for outstanding oxidation resistance and superior protection of the heavily loaded gears and rolling element bearings in modern industrial gearboxes and off-highway planetary drive systems found on mining haul trucks. PHILSYN MEP-EL Gear Oils are approved and exceed Wabtec specification D50E35 by GE Transportation.

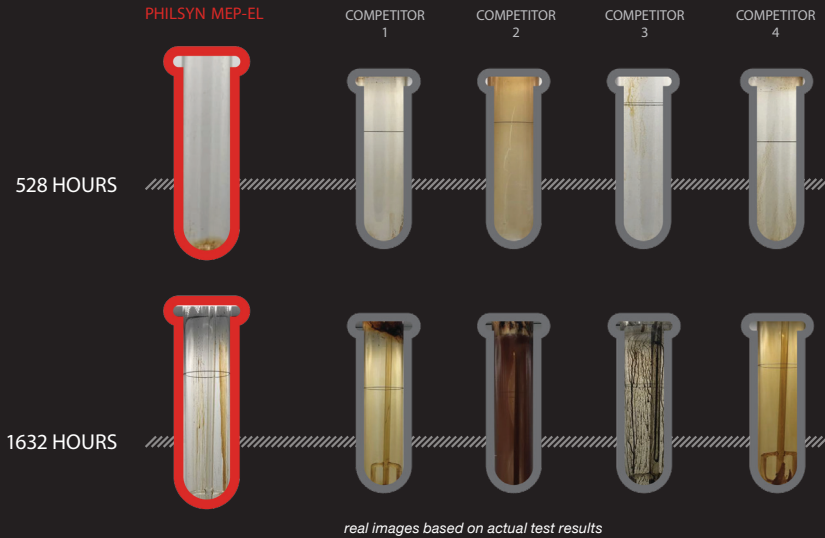


FEATURES AND BENEFITS

Protect your machinery and extend its operating hours through:

- Improved Wear Resistance Against Micropitting
- Extended Life
- Operational Cleanliness
- High Load Carrying Capacity
- Reduced Internal Fluid Friction
- Reduced Bearing Wear
- Excellent Oxidation Resistance
- Outstanding Shear Stability
- Improved Air Release and Foam Control
- Year-Round Use

PHILSYN[®] MEP-EL CLEANS UP THE COMPETITION TIME AND TIME AGAIN

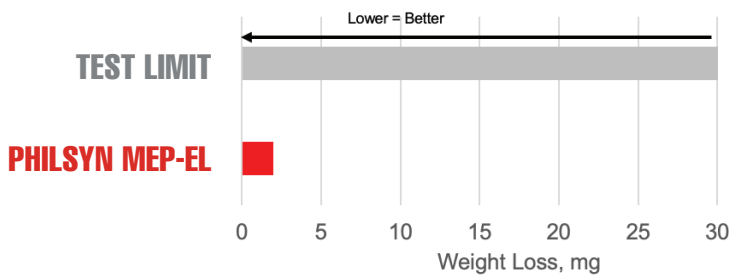


GEARED FOR GRIT

APPLICATIONS:

- Motorized wheel gearboxes found on mining haul trucks.
- Enclosed industrial gear drives operating at extreme ambient temperatures, or operating continuously at higher-than-normal operating temperatures.
- Heavily loaded plain and rolling-element bearings operating at extreme temperatures.
- Where manufacturer recommends a gear oil with micropitting protection.

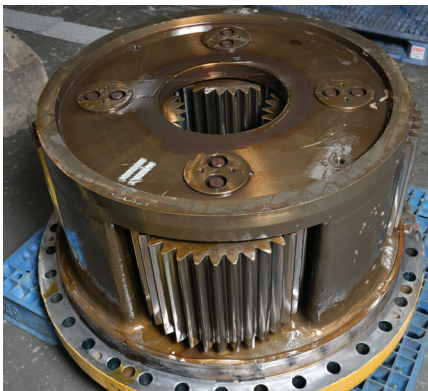
FE-8 BEARING WEAR



IMPROVED BEARING LUBRICATION AND WEAR PROTECTION

- In FAG FE8 Bearing testing PHILSYN MEP-EL Series Lubricants protect bearings in severe operating conditions better than industry specification limits.
- Utilizes a proprietary multi-functional anti-wear technology.
- Minimizes wear in heavily loaded bearings and gears.

COMPARISON OF LOW SPEED GEAR ASSEMBLY FROM FIELD TEST



PHILSYN MEP-EL



COMPETITIVE FLUID

RUNS 4X LONGER THAN RECOMMENDED DRAIN INTERVALS

- Field tests reveal superior operating cleanliness compared to competing products.
- With increased payloads, purpose-built fluids must operate cleaner, protect components longer, while resisting thermal breakdown.
- Extending service intervals allows operators to keep their machinery working longer, saving operators time and maintenance costs.

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Phillips 66[®] Lubricants offers a complete line of products for a wide variety of industries.
Check with your supplier today for more information and product availability.

Technical Hotline at 877.445.9198 | [PHILLIPS66LUBRICANTS.COM](https://www.phillips66lubricants.com)
