

PRECISION IN EVERY PULSE. BUILT TO GO THE DISTANCE

When reliability is non-negotiable, LPR Group delivers. We teamed up with Castrol to solve a high-stakes lubrication challenge - and exceeded expectations.



THE CHALLENGE



THE MISSION: BOOST BEARING LIFE. CUT DOWNTIME

An OEM needed to achieve a **MINIMUM** of **8,800 hours** on **ELECTRIC VIBRATOR MOTORS** used on a **GRIZZLY FEEDER** - but faced repeated failures due to:

- Motors mounted at steep vertical angles
- Abnormal and daily stop-start frequency
- Over-lubrication by end users
- Grease compatibility issues

Downtime wasn't an option. Neither was failure.

THE SOLUTION

THE ANSWER? CASTROL TRIBOL GR 100-2PD

Together with the OEM and Castrol, LPR Group selected a **HIGH-PERFORMANCE GREASE**.



This product's unique additive package ensures:

- ✓ Reduced Friction and high heating
- ✓ High shock-load protection
- ✓ Miscible with factory fill Barium Complex

THE RESULT

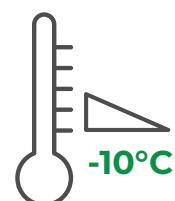
EXCEEDED OEM
EXPECTATIONS

LPR GROUP

LESS FRICTION.
MORE UPTIME. LONGER LIFE.



Bearing life extended to
14,200 HOURS
exceeding OEM requirement by 5,400 hours



Operating temperatures reduced:
75°C to 65°C



Less maintenance
REDUCED INJURY RISK



Increased
UPTIME AND EFFICIENCY

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LOWE • PEO • RE-EME • ROCK & EARTH

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25
YEARS

LPR GROUP
TRUSTED FOR OVER

Contact us to explore performance solutions.

**That's the LPR Group
Difference.**

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