

Berutox FB 48-1

Multipurpose grease
for automotive applications

Engineered for high performance. PFAS-Free.

Berutox FB 48-1 is a proven multipurpose grease engineered for long-term lubrication in demanding automotive applications. Designed for components made of metal and polymer materials, it ensures consistent performance and durability — even under challenging operating conditions.

Modern components often combine different materials. Berutox FB 48-1 is specifically formulated to deliver outstanding performance across a wide range of material pairings: plastic/plastic, plastic/steel, and steel/steel. This multifunctional capability makes it an ideal solution for multi-material tribological systems where reliability is critical.

Berutox FB 48-1 combines advanced formulation technology with practical benefits: a PFAS-free formulation that is environmentally responsible without compromising performance; excellent flow behavior for smooth lubrication and reliable long-term function; and high load-carrying capacity to maintain performance under mechanical stress and demanding conditions. Its precision dosing properties are optimized for automated lubrication systems, enabling efficient and accurate application.

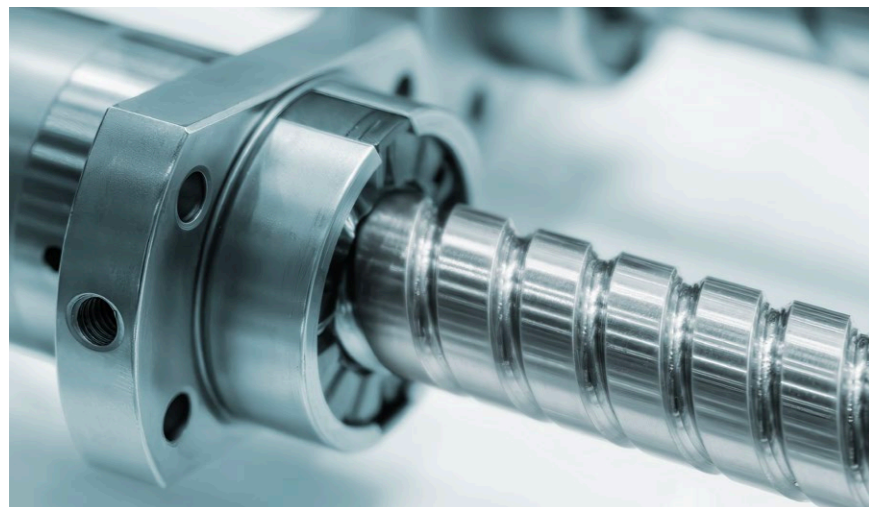
Applications

- Door locking systems
- Central locking systems
- Spindle systems
- Ball screw drive
- Bearing systems
- Seat adjustments
- Steering wheel locks
- Shift gears
- Actuators

Properties

- Medium resistant
- Vibration and noise damping
- Very good corrosion and wear protection
- Good compatibility with plastics
- Excellent pumpability
- Resistant to aging
- Low CoF under high-load
- Prevents stick-slip
- Good low temperature behavior
- Good flow behavior

» Reliable performance
across diverse applications.«



Fully synthetic, PFAS-free lubricants is combining performance, reliability and sustainability in one solution



**Sustainable
lubricant solution**



**Base oil viscosity
at 40 °C / 104 °F [mm²/s]**

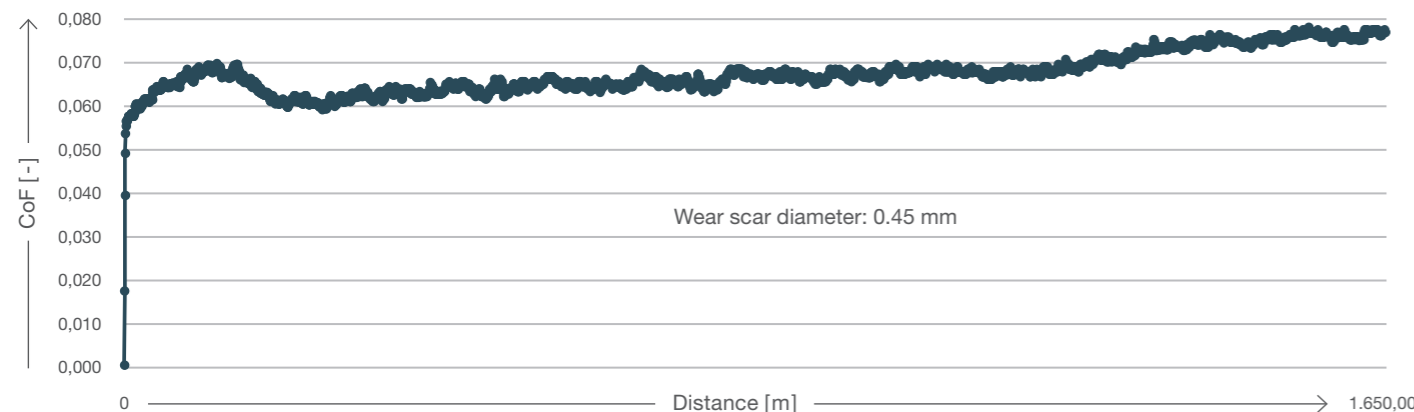


**LTT Starting Torque
at -40 °C ASTM D 2266**

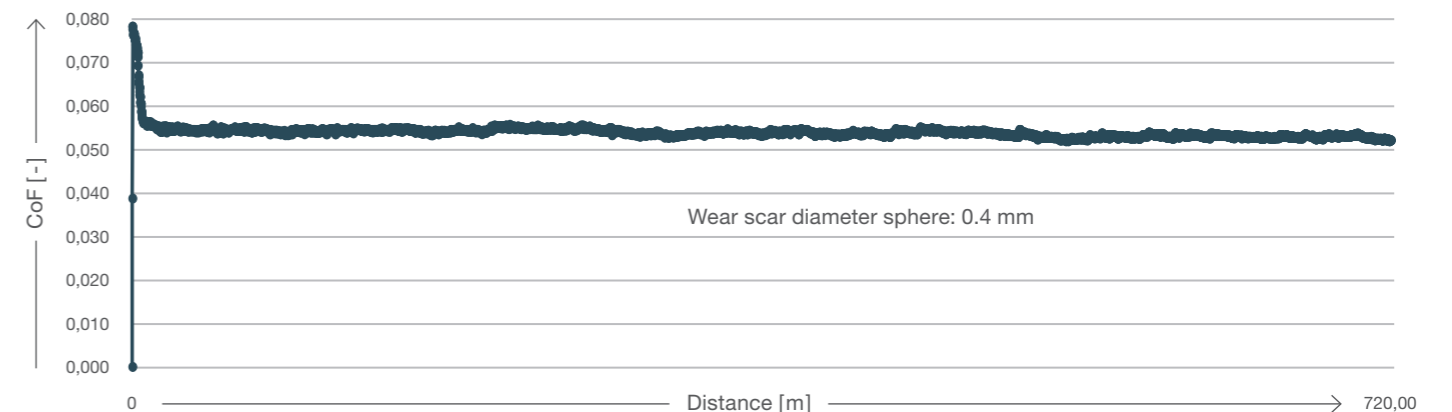


**LTT Running Torque
at -40 °C ASTM D 2266**

Coefficient of Friction (CoF) according to ASTM D 2266



Coefficient of Friction (CoF) according to ASTM 5707



PFAS-free



What you should know about
PFAS-free lubricants
from BECHEM

LUBRICATION SOLUTIONS FOR INDUSTRY

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