



Berulub FR 43-2
PFAS-free lubricating grease
for automotive applications



BECHEM
LUBRICATION
TECHNOLOGY

Good things endure – now also PFAS-free

Berulub FR 43-2 represents a sustainable advancement of the tried-and-tested product Berulub FR 43. As a dynamic, light, PFAS-free lubricating grease for various automotive applications, it is especially environmentally friendly. The PFAS-free formula of Berulub FR 43-2 signifies not only the outstanding product quality, but also underscores sustainable application.

The outstanding qualities, such as effective noise damping, high performance in low temperatures, and minimal fogging, have been retained. The neutrality with respect to many plastics and elastomers enables diverse applicability while contributing to environmental protection. Berulub FR 43-2 combines performance with a clear commitment to sustainability in the automotive sector.



» Berulub FR 43-2, proven as before – and now PFAS-free. «

From the seat track to the cockpit to the panoramic roof: Berulub FR 43-2 is used in a wide variety of automotive applications



The sustainable lubrication solution

Applications

- Roller and plain bearings
- Actuators and locking systems
- Sunroofs, seat adjustments
- Horn contacts, push-pull cables
- Small and shift gears
- HVAC regulation
- Steering column adjustment
- Grid and link guides on electrical switches
- Window regulators, cup holders
- Mirror adjustment mechanisms

Properties

- Minimizes friction and wear
- Excellent low temperature behavior
- Long-term lubrication
- Water- and oxidation-resistant
- Very good noise damping
- Prevents stick-slip
- Excellent fogging behavior
- Top material compatibility
- Automatic dosing properties



for automated quality control

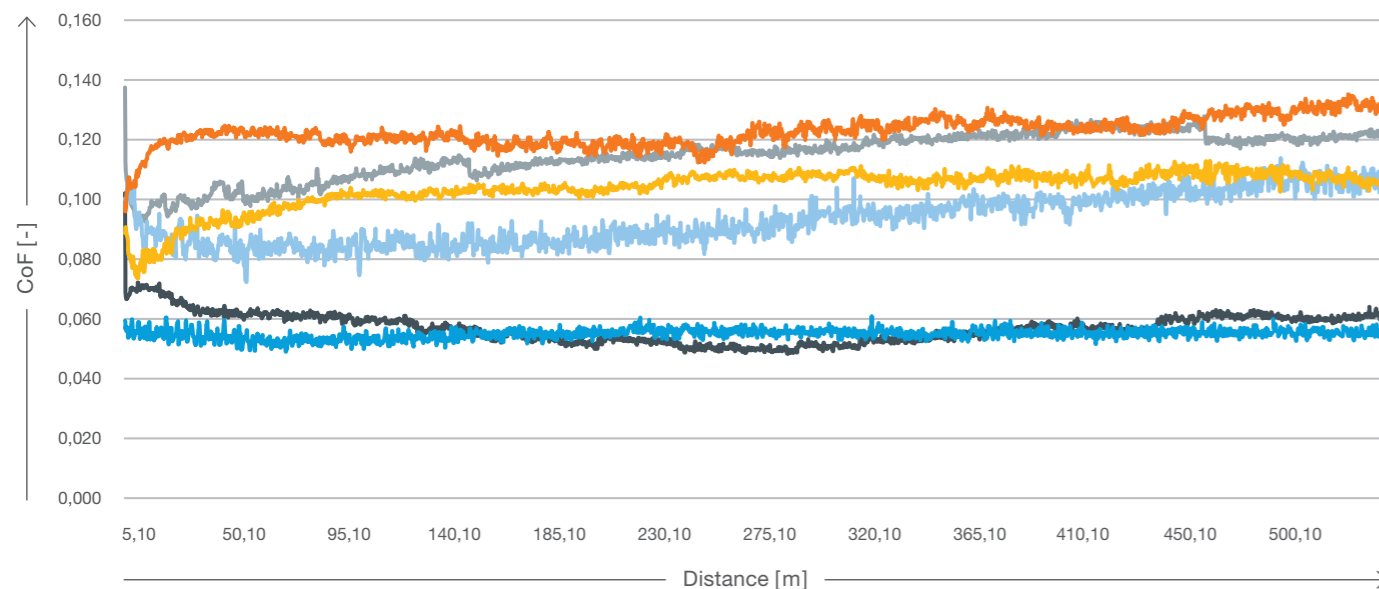


Base oil viscosity at 40 °C / 104 °F in mm²/s



Reducing the product carbon footprint (PCF %)

Coefficient of Friction (CoF)



Load spectrum plastics / plastics

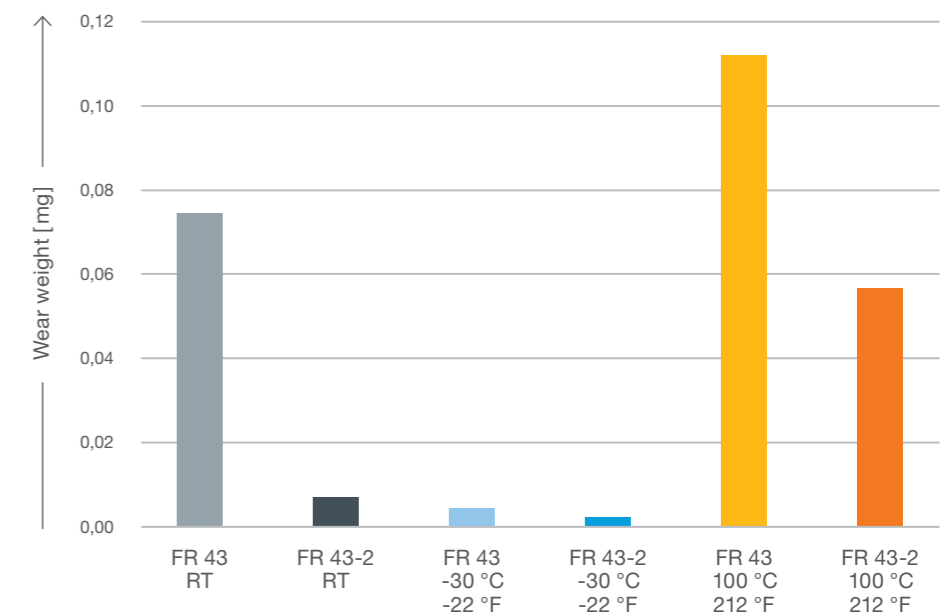
Ball (POM) – Plate (PA)

Ball:	12.7 mm
Frequency:	25 Hz
Stroke:	3 mm
Load:	20 N/60 MPa
Path:	540 m
Speed:	0.15 m/s

FR 43	RT
FR 43-2	RT
FR 43	-30 °C / -22 °F
FR 43-2	-30 °C / -22 °F
FR 43	100 °C / 212 °F
FR 43-2	100 °C / 212 °F

For further information on material combinations, contact geometries, or temperatures, please contact your BECHEM sales team

Wear weight



PFAS-free



What you should know about
PFAS-free lubricants
from BECHEM

LUBRICATION SOLUTIONS FOR INDUSTRY

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