

Mabanol Sigma EP 2

Calcium thickened multi-purpose grease



Key features:

- ✓ Anhydrous calcium thickened lubricating grease based on mineral oil
- ✓ Balanced additive package with antioxidants, corrosion inhibitors and EP/AW active ingredients
- ✓ Operating temperature -30°C bis +120°C
- ✓ Excellent resistance to moisture and corrosion in wet environment
- ✓ Ensures very good adhesion even under severe conditions
- ✓ Reduces CO₂ emissions by 10 compared to conventional lithium extraction, enables hundredfold lower water consumption and twentyfold reduction of energy use
- ✓ Mabanol Sigma EP 2 is compatible and can be mixed with conventional lithium and aluminum complex greases

Mabanol Sigma EP 2 -

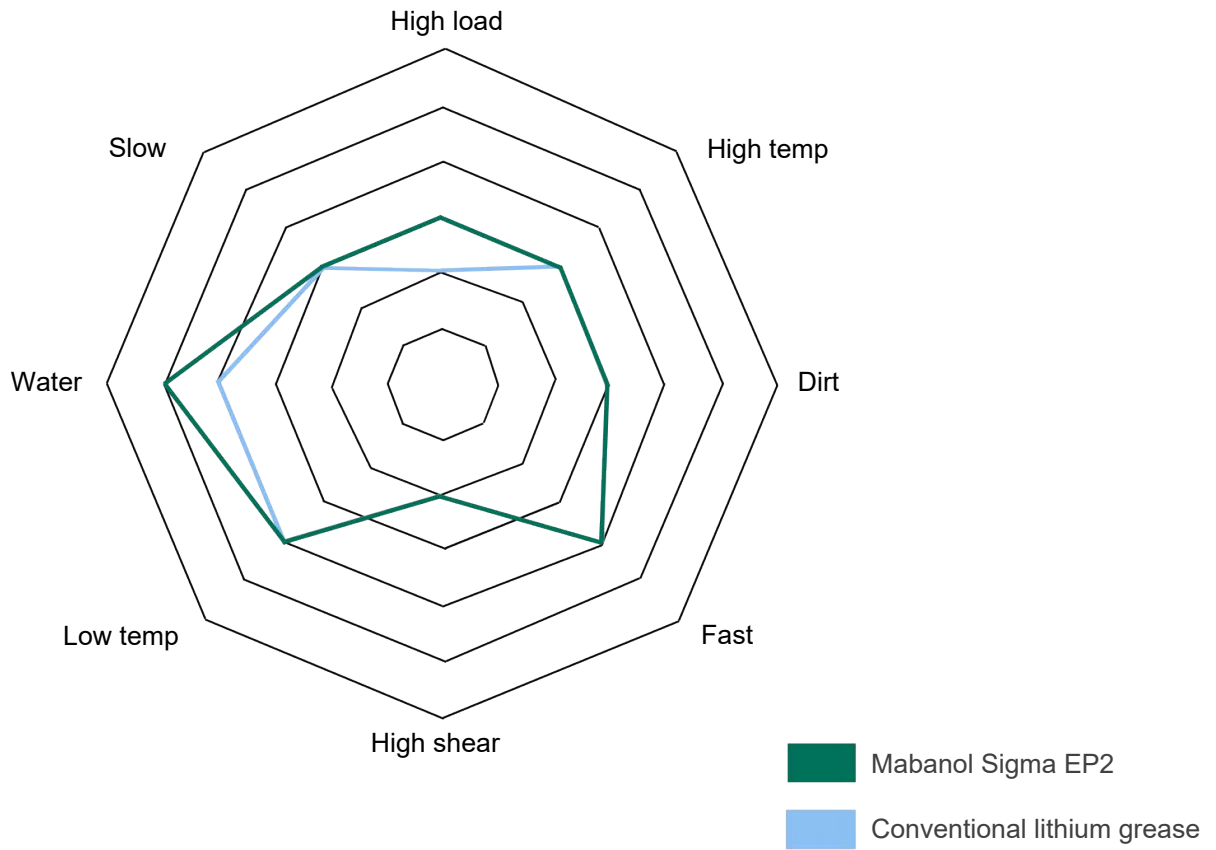
Calcium thickened multi-purpose grease ensures versatility and sustainability

Mabanol Sigma EP 2 is a high-quality multi-purpose lubricating grease that can be used in numerous industrial applications as well as in agriculture and forestry to lubricate plain and rolling bearings.

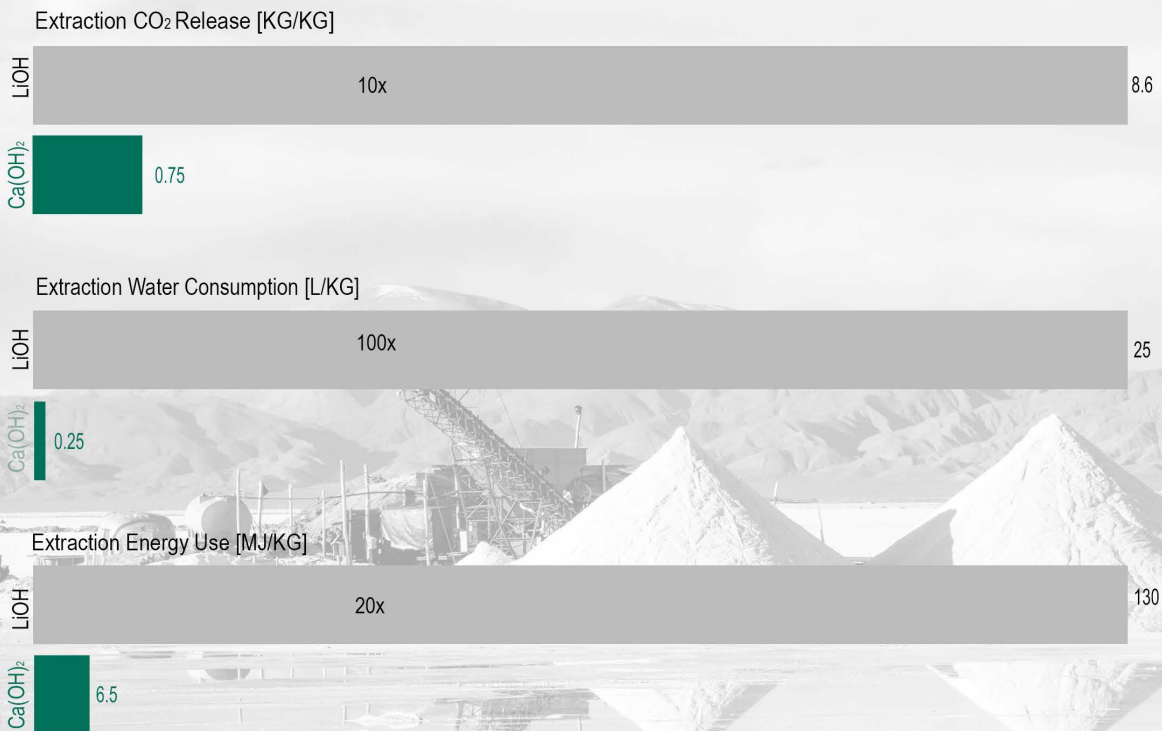
Mabanol Sigma EP 2 is an anhydrous, calcium thickened lubricating grease based on mineral oil and has a balanced additive package with antioxidants, corrosion inhibitors and EP/AW active ingredients. It was specially developed for lubrication of moderately loaded bearings in humid and corrosive environments.

Compared with conventional lithium greases **Mabanol Sigma EP 2** distinguishes through an excellent water resistance and very good surface adhesion, combined with high shear stability and good pumpability at low temperatures. **Mabanol Sigma EP 2** stands for versatile applicability and a sustainable alternative to conventional lithium greases.

Conventional lithium grease compared to Mabanol Sigma EP 2



Comparison of the Extraction and Production Processes for Lithium Hydroxide (LiOH) and Calcium Hydroxide (Ca(OH)₂)



Source: Raw Material Supplier