

Product Description

Anglomoil Robotik Grease is technically superior lubricant, combining the properties of calcium sulphonate, synthetic base oils and enhanced by the friction characteristics of PTFE (polytetrafluoroethylene). Calcium sulphonate has long been known for its water resistance, corrosion protection and load carrying properties. In this latest breakthrough in grease technology, scientists have succeeded in using calcium sulphonate as the thickening agent. It is NOT an additive it IS the grease with all its inherent properties.

The lubricating properties of excellent greases such as aluminium complex and lithium complex are due entirely to the base oil in the grease. With Anglomoil Robotik Grease, the lubricating properties of the synthetic base oil are enhanced by PTFE and the properties of calcium sulphonate.

Advantages of Robotik Grease

- Quieter operation of gearboxes – reduces gear whine improving the working environment
- Superior corrosion protection – inbuilt protection of calcium sulphonates against corrosion
- Superior anti-wear and extreme pressure properties
- Water wash-out – very high resistance to water spray in aggressive industrial environments
- High Drop Point – approximately 300°C, with a maximum working temperature of 200°C
- High Load Resistance – the calcium sulphonate together with the PTFE protects equipment under high loads
- Reduces scuffing, scorings and seizure of contacting surfaces

Properties

Robotik NLGI 00 Grease		
NLGI Grade	ASTM D 217	00
Colour	Visual	Tan
Texture	Visual	Smooth
Dropping Point °C	ASTM D 2265	300
Consistency, 60 strokes, mm/10	ASTM D 217	405
Mechanical Stability, 10,000 strokes, % change	ASTM D 217	-1
Timken OK Load, kg	ASTM D 2509	27.2
4 – Ball EP	ASTM D2596	
LWI, Kgf		62
Weld Point, Kg		500
4 – Ball Wear, mm	ASTM D 2266	0.45
Rust Test, rating	ASTM D 1743	Pass
Salt Fog Corrosion, 1 mil dtf, hours	ASTM B 117	>300
Copper Corrosion, rating	ASTM D 4048	18
Wheel Bearing Leakage, grams	ASTM D 4290	1
Bearing Life Performance, hours	ASTM D 3627	180
Bomb Oxidation, PSI drop, >1000h	ASTM D 942	6
Water Washout @ 80 °C, % lost	ASTM D 1264	0.5
Oil Separation, % lost	ASTM D 1742	0.1
Roll Stability, 50% water, % change in pen	ASTM D 1831	2.1

Master Item# 1831

Pack Size Availability: 5L, 20L, 200L, IBC=1000L

Last Updated: 2nd March 2021