

Anglomoil Robotik Grease is a technically superior lubricant, combining the properties of calcium sulphonate, synthetic base oils and enhanced by the low friction characteristics of PTFE (polytetrafluorethylene). 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 sulphonate 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, scoring and seizure of contacting surfaces.

Properties

Robotic NLGI 00 Grease					Values don't constitute specification				
NLGI Grade		ASTM	D217	00	Rust Test	rating	ASTM	D1743	Pass
Colour		Visual		tan	Salt Fog Corrosion, 1 mil dff	Hours	ASTM	B117	>300
Texture		Visual		Smooth	Copper corrosion	rating	ASTM	D4048	1B
Dropping Point	°C	ASTM	D2265	300	Wheel Bearing Leakage	grams	ASTM	D4290	1
Consistency, 60 strokes, mm/10	mm/10	ASTM	D217	405	Bearing Life Performance	hours	ASTM	D3627	180
Mechanical Stability, 10,000 strokes, % change	% change	ASTM	D217	-1	Bomb Oxidation	psi drop, >10000h	ASTM	D942	6
Timken OK Load	kg	ASTM	D2509	27.2	Water Washout at 80C	% lost	ASTM	D1264	0.5
4-Ball EP LWI	Kgf	ASTM	D2596	62	Oil Separation,	% lost	ASTM	D1742	0.1
Weld Point	Kg			500					
4-Ball Wear	mm	ASTM	D2266	0.45					
					Roll Stability, 50% water	% change in pen	ASTM	D1831	2.1

Application

- Centralised lubrication systems.
- High-speed gearbox lubrication.

Anglomoil Superior Lubricants

Lubricants for Automotive - Industry - Food - Farm Machinery - Marine - Earthmovers - Road Transport

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