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## ANGLOMOIL FOOD MACHINERY GREASE

Anglomoil can offer two technologically advanced and high performance greases for use in the food industry. Both greases are built around a complexed overbased calcium sulphate soap which is outstanding for its exceptional mechanical stability, very high load carrying properties, excellent thermal stability and most of all for its resistance to water and corrosion. This technology equals and in many ways outperforms other premium, high temperature greases such as lithium complex, aluminium complex and polyuria.

**Anglomoil Food Machinery Grease** contains a white mineral oil of high purity and meets a wide range of performance requirements experienced in food manufacturing plants.

**Anglomoil Food Machinery Grease Heavy Duty** is a full synthetic grease containing a high viscosity poly alpha olefin base oil and is designed for heavy industrial use.

### BENEFITS

#### Thermal & Mechanical Stability

- Superior mechanical stability versus other thickeners, particularly in the presence of heat and water.
- High drop point typically in excess of 300 degrees C

#### Load Carrying & Wear Protection

- Excellent EP and AW properties inherent in the thickener.
- Does not require use of additional additives.

#### Resistance to Water

- Excellent resistance to water washout.

#### Corrosion Resistance

- Sulphonates are known and used for their excellent rust prevention properties.
- This property is inherent in the thickener.
- Easily outperforms other technologies.

#### Resistance to Oxidation

- The use of premium antioxidant and high quality base oils ensures excellent thermal and oxidation stability.
- Bearing life performance in excess of 240 hours.

## APPLICATION AREAS

Anglomoil Food Machinery Greases are designed to provide superior performance at elevated temperatures and under wet corrosive conditions. They meet H1 standards for incidental food contact.

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### TYPICAL PERFORMANCE

### Properties

	F.M.Grease	F.M.Grease Heavy Duty
NLGI Grade	2	2
Colour	Cream	Cream
Texture	Smooth	Smooth
Dropping Point	300°C	318°C
Consistency-worked penetration 60 strokes	280	280
Mechanical stability, 100,000 strokes %	2.5%	4.5%
Roll stability, % change	3.1%	2.5%
Timken OK Load kg	27	27.2
4 Ball EP LWI kgf	62	50
Weld point kgf	500	400
4 Ball Wear - scar diameter mm	0.38	0.50
Rust Test, rating	Pass	Pass
Salt Fog Corrosion, hours to failure	>300	>300
Copper Corrosion rating	1b	1b
Wheel Bearing Leakage, grams	4.0	3.5
Bearing Life Performance, hours	120	260
Bomb Oxidation, psi drop after 1000 hours	9.0	6.0
Water Washout at 80°C, % lost	3.5	3.5
Oil Separation, % loss	0.2	0.1
Low Temperature Torque at -40° C N-m	10	
Low Temperature Torque at -18°C N-m start	1404	
after 60 min	247	
Low Temperature Torque at -22°C N-m start		3500
after 60 min		600
Base Oil Viscosity at 100° C cSt	8.4	37.5

These values are typical, they are **not** a specification

For information on safe handling and use of these products, refer to the Material Safety Data Sheet.