

### Description

SYNTECH FOOD LUBE ACM 2 is aluminium complex thickened lubricating grease based on pharmaceutical white oils. The grease contains antioxidants and EP/AW additives. The thickener, together with the special base oil, makes the product suitable for lubrication in applications where there is the possibility of incidental or accidental food contact. SYNTECH FOOD LUBE ACM 2 is high performance universal food machinery grease. The product's all round properties make it suitable for various types of bearing applications including heavy load conditions. SYNTECH FOOD LUBE ACM 2 is NSF registered (NSF Registration no. 157451) and Halal certified (Halal Certificate no. 786514 19 – 003.143) product.

### Outstanding Features

- Good oxidation stability
- Excellent load carrying capacity
- Suitable for food machinery

### Directions for Use

SYNTECH FOOD LUBE ACM 2 can be applied manually, or by using a standard grease gun, or via a central lubricating system designed for and capable of pumping an NLGI No.2 grease. As with all greases used for the first time, check compatibility with the grease applied previously and if necessary purge bearings prior to application. Likewise, as a general rule, take care not to over-lubricate and always apply the quantity of grease recommended by the bearing manufacturer.

### Technical Data

Thickener	
Base oil	
Colour	Visual
NLGI Grade	ASTM D217
Dropping point	IP 396
Base oil viscosity at 40°C	ISO 12058
4-ball weld load	IP239

### Typical Test Results

-	Aluminium complex
-	Semi-synthetic base oil
-	White
-	2
-	>230°C
-	150 mm <sup>2</sup> /s
-	400kg

### Mechanical stability

Penetration 60 strokes	ISO 2137	-	265-295
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### Corrosion protection

SKF Emcors distilled water	ISO 11007	-	0:0
Copper corrosion 24h/100°C	DIN 51811	-	1b

### Water stability

Water resistance	DIN 51807/1	-	1-90
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### Oil Separation

Separation 168h/40°C	IP 121	-	1.5%
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### Anti-wear properties

4-ball wear scar (1h at 400N)	IP239	-	0.7 mm
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### Others

Operating Temperature Range °C		-	- 20 to 150°C
dN factor		-	500,000

### Approvals/Registration



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