



AUSBOND AA-2

Technical Data Sheet

Description

Ausbond AA-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. Ausbond AA-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.

Typical Uses

Ausbond AA-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.

Advantages

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

Specification

| | | |
|--------------------------------|-------------|-------------------------|
| Thickener | | Aluminium complex |
| Base oil | | Semi-synthetic base oil |
| Colour | Visual | White |
| NLGI Grade | ASTM D217 | 2 |
| Dropping point | IP 396 | >230°C |
| Base oil viscosity at 40°C | ISO 12058 | 220 mm ² /s |
| 4-ball weld load | IP239 | 400kg |
| Mechanical stability | | |
| Penetration 60 strokes | ISO 2137 | 265-295 |
| Corrosion protection | | |
| SKF Emcor distilled water | ISO 11007 | 0:0 |
| Copper corrosion 24h/100°C | DIN 51811 | 1b |
| Water stability | | |
| Water resistance | DIN 51807/1 | 1-90 |
| Oil Separation | | |
| Separation 168h/40°C | IP 121 | 2.5% |
| Anti-wear properties | | |
| 4-ball wear scar (1h at 400N) | IP239 | 0.7 mm |
| Others | | |
| Operating Temperature Range °C | | - 20 to 150°C |
| dN factor | | 500,000 |