

## Technical data

# Arvina AK2

## High temperature grease



### Description

Arvina AK2 is a premium performance, graphited grease formulated to lubricate bearings operating at low speed but very high temperatures. It is formulated from a semi-synthetic base fluid and non-melting thickener system reinforced with graphite and High Load White Solids (HLWS) to maximise load carrying ability.

Arvina AK2 is suitable for bearings, trolley rollers and other equipment operating in ovens and furnaces operating at temperatures up to 550°C, in industries such as paper mills, steel mills, petrochemical plants and other heavy engineering environments.

### Features and benefits

- Withstands extreme temperature
- Provides effective lubrication as both a grease and dry film
- High load carrying and wear reduction capacity

### Instructions for use

Arvina AK2 should be used as supplied. Can be applied manually, via a standard grease gun or via a central lubricating system capable of pumping an NLGI 2 grease. Care should be taken not to overfill bearings – typically 25 to 30% fill is recommended.

Note: As with all greases used for the first time, check compatibility with the grease used previously and if necessary, purge bearings prior to application.

### Storage

Arvina AK2 should be stored in original, unopened packaging, out of direct sunlight at temperatures between 5°C and 35°C. The most up to date shelf life information for Moly slip products can be found on the certificate of analysis issued at the time of manufacture.

### Packaging and product code

| Code    | Pack     |
|---------|----------|
| M322007 | 450g tin |

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| Property                               | Test method | Result                      |
|--|-------------|-----------------------------|
| Appearance                             | -           | Smooth black grease         |
| Consistency                            | IP 50       | NLGI 2                      |
| Worked penetration                     | IP 50       | 265 – 295 mm <sup>-10</sup> |
| Thickener                              | -           | Organoclay                  |
| Drop point                             | IP 396      | >300°C                      |
| Base oil type                          | -           | Semi-synthetic              |
| Base oil viscosity @ 40°C              | IP 71       | 180 cSt                     |
| 4-ball weld load                       | IP 239      | 280 kg                      |
| 4-ball wear scar (40kg for 60 minutes) | IP 239      | 0.43 mm                     |
| Effective temperature range            | -           | -100°C up to +550°C         |

Note: these values are typical only and do not constitute a specification

**Limited warranty information**

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