

# Technical data

## ARVINA HX 2

The logo for MOLYSLIP, featuring the brand name in a bold, italicized, sans-serif font with a registered trademark symbol, set against a red rectangular background.

## High load bearing grease

### Description

MOLYSLIP ARVINA HX2 is a mineral oil based, calcium sulphonate complex thickened grease designed to lubricate bearings operating under extreme high load conditions. The inherent high load carrying capability of the functional thickener system is enhanced by the high viscosity base oil and micronized molybdenum disulphide solids to deliver lubricating performance where conventional greases would fail.

The calcium sulphonate complex thickener of ARVINA HX2 inherently possesses outstanding resistance to water ingress – the mechanical stability of the grease is largely unaffected by water contamination and bearings are effectively protected from corrosion.

ARVINA HX2 is suitable for use in plain, ball and roller bearings operating in a wide variety of heavily loaded applications.

### Features and benefits

- High temperature capability up to 140°C
- Excellent load carrying and anti-wear properties
- Highly effective protection against corrosion
- Outstanding resistance to water wash-off

### Instructions for use

MOLYSLIP ARVINA HX2 can be applied manually, via a standard grease gun or via a central lubricating system capable of pumping an NLGI 1/2 grease.

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

### Packaging

400g cartridge, 450g tin, 4.5kg and 18kg pail

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### Technical data (typical values)

Property	Test method	Result
Appearance	-	Smooth black grease
Worked penetration	IP50	290-320
NLGI classification	-	1/2
Drop point	IP132	>280°C
Corrosion resistance (EMCOR)	IP220	0:0
4-ball weld load	IP239	>700kg
Oil separation	IP121	1%
Base oil viscosity	IP71	400 cSt
Operating temperature range	-	-20°C to +140°C

### Storage

Store MOLYSLIP ARVINA MX2 out of direct sunlight. Storage temperature should be controlled to between 5°C and 35°C.

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