

Technical data

ARVINA HX2

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 MOLYSLIP 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. MOLYSLIP 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 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. 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

MOLYSLIP ARVINA HX2 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 Molyslip products can be found on the certificate of analysis issued at the time of manufacture.

Packaging and product code

Code	Pack	Code	Pack
M310207	450g tin	M310208	400g cartridge
M310245	4.5kg pail	M310260	18kg pail

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Company registration number: 2263118; Company registered in England VAT registration number GB108244927

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Property	Test method	Result
Appearance	-	Smooth black grease
Consistency	IP 50	NLGI 2
Thickener	-	Calcium sulfonate complex
Base oil Type	-	Mineral oil
Viscosity @ 40°C	IP 71	100 cSt
Flash point	IP 34	> 200°C
Drop point	IP 396	> 250°C
4-ball weld load	IP 239	800kg
4-ball wear scar; 40kg; 60 min	IP 239	0.50mm
Water spray-off	ASTM D4049	20%
EMCOR	IP 220	0:0
Copper Corrosion	IP 112	1b
Oil separation	IP 121	0.1%
Effective temperature range	-	-30°C up to +140°C

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

Limited warranty information

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that our products are safe, effective and fully satisfactory for the intended end use. We accept no liability for any loss and/or damage arising from a failure to store our products in accordance with the information contained in this technical sheet.

Metalube Group's sole warranty is that our products will meet their quality control specifications in effect at the time of shipment. Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.

To the fullest extent permitted by applicable law, Metalube Group specifically disclaims any other express or implied warranty of fitness for a particular purpose or merchantability. Metalube Group disclaims liability for any incidental or consequential damages.

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