

Technical data

ARVINA XR



Extreme performance bearing greases

Description

MOLYSLIP ARVINA XR greases are fully synthetic, perfluorinated greases designed for bearings operating in extremes of temperature and aggressive chemical environments. The optimised base oil, thickener and additive system combine to deliver outstanding resistance to thermo-oxidative degradation at temperatures up to 280°C. ARVINA XR greases have excellent resistance to most aggressive chemicals such as acids, alkalis, solvents and oxidising agents allowing them to be used where conventional products will fail.

MOLYSLIP ARVINA XR greases are suitable for use in plain, ball and roller bearings, slides, gears, pins/bushes and valve mechanisms operating in the temperature range of -30°C to +280°C.

Features and benefits

- Excellent high temperature capability up to 280°C
- Outstanding chemical resistance
- Highly effective lubrication and wear protection
- Significantly extended relubrication intervals compared to conventional greases

Instructions for use

MOLYSLIP ARVINA XR greases can be applied manually, via a standard grease gun or via a central lubricating system (depending on the grade selected).

As with all greases used for the first time, check compatibility with the grease used previously and if necessary purge and clean bearings prior to application. If the previous grease was not perfluorinated then extreme care should be taken to thoroughly degrease using a suitable solvent. ARVINA XR products are not compatible with conventional mineral or synthetic oil greases.

Packaging

1kg tin

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Certificate Number 2367
ISO 9001, ISO 14001,
ISO 45001

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Technical data (typical values)

Property	Test method	XR0	XR1	XR2
Appearance	-	Smooth white grease		
Worked penetration	IP50	355-385	310-340	265-295
NLGI classification	-	0	1	2
Drop point	IP132	>260°C		
Base oil viscosity at 40°C	IP71	420 cSt		
Base oil viscosity at 100°C	IP71	40 cSt		
Base oil viscosity index	-	144		
4-ball weld load	IP239	620kg		
Operating temperature range	-	-30°C to +280°C		
Density	-	1.9 g.cm ⁻³		

Storage

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

The product information in this publication is based on knowledge and experience at the time of printing. There are many factors outside our control or knowledge which affect the use and performance of our products, for which reason it is given without responsibility.
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