

# Technical data

## ARVINA XL

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.

## Extreme performance bearing greases

### Description

MOLYSLIP ARVINA XL greases are fully synthetic, perfluorinated grease 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 XL has excellent resistance to most aggressive chemicals and oxidising agents allowing it to be used where conventional products will fail.

MOLYSLIP ARVINA XL is suitable for use in plain, ball and roller bearings, slides, gears, pins/bushes, valves and other mechanisms operating in the temperature range of -30°C to +280°C.

### Features and benefits

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

### Instructions for use

MOLYSLIP ARVINA XL 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 XL is not compatible with conventional mineral or synthetic oil greases.

### Packaging

1kg tin

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### Technical data (typical values)

Property	Test method	XL0	XL2
Appearance	-	Smooth off-white grease	
Worked penetration	IP50	375 mm <sup>-10</sup>	280 mm <sup>-10</sup>
NLGI classification	-	0	2
Drop point	IP132	>260°C	
Base oil viscosity at 40°C	IP71	510 cSt	
Base oil viscosity at 100°C	IP71	47 cSt	
Base oil viscosity index	-	148	
4-ball weld load	IP239	620kg	
Operating temperature range	-	-30°C to +280°C	
Density	-	1.9 g.cm <sup>-3</sup>	

### Storage

Store MOLYSLIP ARVINA XL 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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