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E Oil Supplement

Automatic Transmission Supplement

Manual Transmission Supplement

Copaslip Anti-Seize Compound

Multi-Purpose Grease

Liquid Grease

Combat Penetrating Oil

Tuneslip

Chain Lube

HTBG High Temperature Bearing Grease

Open Gear Spray

Open Gear Lube

Air Drying Film (ADF)

Metal Working Spray

AS/40 Assembly Compound

AS/65 Assembly Compound

Break-In

Moly Powder



Product Data Sheet

Air Drying Film (ADF)

Pure Molybdenum Disulfide

in an Air-Drying, Bonding Resin

Performance

Molslip "ADF" is pure molybdenum disulfide in an air-drying, bonding resin for spray, brush or dip applications. It provides lubrication where oils and greases cannot be used — for example where there is danger of dust contamination — and is excellent for the pre-treatment of parts such as gears and slides before assembly. It is also ideal for the lubrication of small mechanisms, and as a protective coating that will not readily wipe off parts being stored for prolonged periods.

Pre-Assembly Treatment

Molslip Air Drying film is ideal for pre-assembly treatment. The film prevents scuffing during the initial stages of running-in new components. After assembly, it provides exceptional, long-lasting lubrication, which gives considerable reduction in wear and consequently lengthens the life of components.

The sub-micron particle size of the molybdenum disulfide used in this product (average 0.4 micron) makes it possible to apply an extremely thin film that will not interfere with normal assembly tolerances.

Application

Molslip ADF is supplied in aerosols for spray-on application, and in various sizes (1 litre to 205 litre) for dip or brush-on application.

The aerosol sprays a film that dries completely in 5 minutes, and parts treated can be handled without fear of disturbing the layer of molybdenum disulfide. The aerosol spray is particularly suitable for lubricating inaccessible or intricate parts.

When applied by dip or brush, the film thickness is greater than in aerosol applications, and the drying time increases. Drying time can be reduced by the use of airflow over the treated parts or by increasing IPA (isopropyl alcohol) to concentrate rate (a 5:1 ratio is generally recommended).

A further and considerable improvement in lubricity (particularly where parts are subjected to extreme pressure) can be affected by appropriate pre-treatment. Normal steel may be phosphated while stainless steel can be fine grit blasted or treated chemically to produce a surface bloom. The objective is to produce a micron-like roughness on the surface to which Molslip ADF can key, thus forming a surface reservoir of lubricant that will last throughout the bedding-in period.

To ensure a good bond, it is essential that all parts are thoroughly clean and free from oil when Molslip ADF is applied.

Packaging

Molyslip ADF is available in:

Product No.	Packaging	Case Size
3483	325g (11.5 oz) aerosol can.....	Case of 12
3485	1L (1 US qt.) plastic jug, concentrated or diluted.....	Case of 12
3486	4L (1 US gal.) plastic jug, concentrated or diluted.....	Case of 4
3487	23L (6 US gal.) plastic pail with reike lid, concentrated or diluted	
3489	205L (54 US gal.) metal drum, concentrated or diluted	

Note: Metal pails/jugs and other sizes may be available upon request.