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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

AS/40 Assembly Compound

Assembly compound with 40% Molybdenum Disulfide

Performance

Molyslip AS/40 is a pre-assembly lubricating compound that has been formulated to prevent scuffing and scoring of mechanical components at start up and to prevent corrosion and galling. The load carrying capacity of Molybdenum Disulfide (MoS_2) is in excess of 400,000 psi, which is above the yield point of most metals. Cold forming of the metal under the MoS_2 film can take place without welding or pick up.

The results are:

- Bedding in without pick up, scuffing or scoring
- Reduced wear
- Reduced heat
- Protection against lubricant starvation
- Protection against rust and corrosion

What Molyslip AS/40 is:

Molyslip AS/40 is a pre-assembly lubricating compound that has been formulated to prevent scuffing and scoring of mechanical components at start up. It has a molybdenum disulfide content of 40% in a bentone-based grease with highly effective rust and corrosion inhibitors.

Where Molyslip AS/40 can be used:

- Pre-treating new or reconditioned plain bearings, gears, piston rings, cams, ball joints, splines, valve stems, etc.
- Lubricating small mechanisms that cannot be readily lubricated with normal greases after assembly
- Protecting loading equipment linkages subject to high impact stresses or twisting.
- Preventing seizure of nuts and bolts, valves and cocks, screw threads, press fittings, turbine studs and disc brake components
- Effective in reducing squeel when applied to back of disc brake pads.

Wherever the high load carrying capacity of MoS2 is desired to reduce wear and extend the life of components.

Physical Properties:

Lubricating solids	MoS_2
Carrier	petroleum oil (bentone based grease)
Consistency	paste
Density	1.76 kg/L (15.5 lb/gal.)
Solids content	40%
Flashpoint	190°C (375°F) Open Cup
Shelf life	24 months under original seal

Applications:

Molyslip AS/40 is supplied ready for use. No degreasing is required before treatment but parts should be clean and contaminant-free for optimum effectiveness. Brushing, burnishing or other methods used to apply pastes of this type may be used. Rubbing the compound into mating surfaces will result in a film of greater performance.

Note: A small amount of bleeding may occur during storage. Mechanical agitation will restore Molyslip AS/40 to its proper consistency. A slow speed, rod-type stirrer with a hook blade is recommended.

Precautions

Harmful if swallowed. May cause eye irritation. Wash thoroughly after handling. Keep container tightly closed when not in use to avoid contamination (see Material Safety Data Sheet for proper first aid instructions).

Packaging

Molyslip AS/40 is available in:

Product No.	Packaging	Case Size
3350	85g (3 oz) plastic jar	Case of 12
3351	400g (14 oz) grease cartridge	Case of 10
3352	454g (1 lb.) wide-mouth plastic jar	Case of 12
3353	2 kg (4.4 lb.) tin	Case of 6
3354	4.5 kg (10 lb.) plastic pail	Case of 4
3355	11.3 kg (25 lb.) plastic pail	
3356	16 kg (35 lb.) plastic pail	
3357	23 kg (50 lb.) plastic pail	
3358	55 kg (120 lb.) metal keg	
3359	180 kg (400 lb.) drum	

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