AS40 Anti-Scuff Paste

Assembly compound with a high molybdenum disulphide content.

PERFORMANCE:
Ensures bedding in without scuffing or scoring.
Reduces wear and cuts costs.
Protects against rust and corrosion.
Withstands heavy loads.

GENERAL USES:
For the pre-treatment of new or reconditioned plain bearings, gears, piston rings, cams and valve stems.
In machine shops for lathe centres, slide screws and all controls.
For reducing heat produced as a result of friction in heavily loaded or overheated bearings.
Tool Joint compound with oil drill pipe threads.
For small mechanisms which cannot be lubricated with normal greases after assembly.
For nuts and bolts, valves and cocks, screw threads, press fittings and turbine studs to prevent seizure.
For phosphor bronze bearings - particularly in generating equipment.
For threaded components subject to contamination by freon gas used in refrigerating and air conditioning systems.
For bulkhead mechanisms.
For cylinder plungers and turbine relay valves.
For loading equipment linkages subject to high impact stresses or twisting.

HOW IT WORKS:
The load carrying capacity of MoS_2 is in excess of 140,000 p.s.i. above the yield point of most metals, and cold forming of the metal under MoS_2 film can take place without "welding" or pick up occurring. Thus when a hydrodynamic oil film is not present wear or damage is prevented. Assembling machines with **MOLYSLIP AS40 Anti-Scuff Paste** results in the elimination of scuffing, pick-up or scoring during the bedding in period after which time the machine will run for its full designed life with minimum wear.

APPLICATION:
No degreasing is required before treatment but parts should be cleaned. A smear, applied with finger, pad or brush, on components surfaces will be sufficient to provide treatment through the movement of related parts once the mechanism is assembled. Rubbing the compound intensely into mating surfaces where ever practicable will result in a film of greater performance.
It is advisable to remove all surplus compound from treated surfaces, this being particularly important when subsequent lubrication is to be sparse or non-existent. Where oil is to be used as the subsequent lubricant it will in a short period of time dissolve any surplus compound leaving the MoS_2 film bonded on to the bearing surfaces. Highly polished surfaces will gain maximum benefit from the use of this product, if surfaces are pre-treated by nitriding, phosphating or other similar process. The use of **MOLYSLIP AS40 Anti-Scuff Paste** on surfaces so treated will give longer lasting and better results due to the micronic reservoirs of lubricant formed.

TECHNICAL DATA:
MOLYSLIP AS40 Anti-Scuff Paste is a gelled lubricating oil, containing molybdenum disulphide and graphite, forming a soft paste, together with rust and corrosion inhibitors.

Consistency N.G.L.I.		No. 2
Particle size	Molybdenum Disulphide	0.5 to 5 microns
	Graphite	1 to 8 microns
Flash Point		Over 200/C
Temperature Range		Any sub-zero temperature up to 550/C whilst product retains its grease nature from -20/ to 150/C
Coefficient of Friction	(steel on steel, steady state)	0.08

PACKAGING:
500grm tins
5kilo kegs