

**HEAVY DUTY BEARING GREASE (MOLY BASED)
ISOL HDB 15**

COMPOSITION

ISOL HDB 15 is semi synthetic, soap thickened grease containing Molybdenum disulphide. This grease contains a polymeric synthetic additive, which improves surface adherence and provides back up lubrication during total lubricant loss occurrence.

FEATURES

This Grease is capable of operating in arduous conditions of heavy load, vibration, high temperature or where small amounts of water are present. This Grease is resistant to high pressure and shock loading and possesses excellent extreme pressure property.

DESCRIPTION

This Grease forms a film of solid lubricant on bearing surfaces during operation. This film of solid lubricant is made up of multiple layers, which can slide over each other but cannot be compressed. This unique property enables This Grease to provide emergency lubrication even under conditions of heavy loads, high temperature and lubricant loss from bearing surfaces.

TYPICAL SPECIFICATIONS

Parameters	ISOL HDB 15
Colour	Black
Consistency	Soft
Serviceable Temperature, °C	-20 to 165
Drop point, °C	180

APPLICATIONS

All types of ball, roller, needle and spherical bearings operating at slow, medium and high speeds, high temperatures up to 165 °C and heavy load. All equipment subject to frequent stop-go operations or heavy sliding friction including splined shafts, threaded drive, spindles and drive couplings, loaded gears in machinery and heavy duty vehicles, tractors, cranes, excavators, conveyers and fork lift trucks.

SHELF LIFE

ISOL HDB 15 does not exhibit any significant change in properties if stored properly in original packs for over two years. Slight hardening of the paste or slight oil bleeding is considered normal and is reversible by agitation. However, warranty claims, in case of manufacturing defects is limited to one year from date of manufacturing.

The information herein is believed to be reliable, but it is the user's responsibility to determine suitability of use, since we cannot know conditions of use. We make no warranties and assume no liability concerning use of the information. Nothing herein should be taken as inducement to infringe any patent.