

HINGE GREASES

COMPOSITION

Hinge greases are composed of synthetic oils and solid lubricants.

FEATURES

Hinge greases are generally stiff, tacky, non-drying and non-evaporating, highly viscous gels, which are designed to damp free motion of the hinge to which it is applied.

DESCRIPTION

Ordinary lubricants have the property of reducing friction between the surfaces on which it is applied, where as hinge grease create more friction and make motion more smooth and restricted. This smooth yet restricted or damped motion is free from play and produces a hydraulic feel.

TECHNICAL SPECIFICATIONS

Parameters	ISOL HG 75	ISOL HG 76
Colour	Light straw	Light straw
Serviceable temp.°C	-10°C to 180°C	-10°C to 180°C
Penetration, Un worked as per IS 1448	165 to 170	150 to 155
Weight Loss%, (150C/2hrs)	None	None
Drop point,°C	None	None
Melting Point °C/ Softness at 140°C	Softening	Softening

APPLICATIONS

Due to this unique property, hinge greases find application in the assembly of hinges where damping of free motion is required. It gives a smooth and easy motion to hinges.

SHELF LIFE

These greases do not exhibit any significant changes in properties if stored properly in original packs for over two years. Slight hardening of some grades 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.