



Shanghai Jichuan Trading

GL 1 Getriebefließfett (GL 1 Transmission Flow Grease)

DESCRIPTION

GL 1 Transmission Flow Grease is a strongly adherent, high-performance grease for lubricating bearings and closed and open drives. Due to the composition of GL 1, there is no separation of base oil or thickener due to delivery through long lubrication pipes, high pressure differences or steep shear gradients. Special additives allow high surface loading on slow-running transmissions.

PROPERTIES

- extremely adherent
- high EP properties
- water resistant
- resistant to commercially available water-based caustics
- compatible with all commercially available sealing materials
- stable to oxidation even during long-term use
- reliable corrosion protection
- can be delivered by centralised lubrication systems
- does not contain solid lubricants

Complies with the certification for grease in accordance with DIN 51502
KP1K-30

TECHNICAL DATA

Colour	: brown, natural colours	
Basis	: mineral oil	
Thickener	: metallic soap	
Drop point	: +140 °C	
Worked penetration	: 310 - 340	DIN 51 804
NLGI number	: 1	
Operating temperature range	: -30 °C to +100 °C	
EMCOR test	: 0 (no corrosion)	DIN 51 802
Resistance to oxidation	: 0.5 at 100 h/100 °C	
Water resistance at 90 °C	: 0	DIN 51 807

APPLICATION

Used in closed drives and in roller and plain bearings which are exposed to extreme conditions such as vibrations, shock or impact loading and eccentric bearings.

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INSTRUCTIONS

As usual for transmission flow greases, follow the instructions of the transmission and bearing manufacturers. Do not mix with other greases.

AVAILABLE PACK SIZE

GL 1 Transmission Flow Grease 400 g

Part no. 3602

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