MULTIPLEX EP2

Multi-purpose extreme pressure high temperature lithium/calcium complex grease

APPLICATIONS

- **MULTIPLEX EP 2** is designed for the lubrication of various applications in all types of operating conditions, but particularly where the loads and operation temperature are high and the use of conventional lithium greases is limited.
- **MULTIPLEX EP 2** is a true multi-purpose grease, formulated for lubrication of loaded slide-,ball-, and roller-bearings, wheel bearings, universal joints, chassis, and various shock loaded or vibrating applications in transport, agriculture and off road vehicles.
- Suitable as general purpose grease for industrial applications requiring a NLGI 2 grade medium high viscosity Extreme Pressure grease.
- Always avoid contamination of the grease by dust and/or dirt when applying. Preferably use a pneumatic pump system or cartridges.

SPECIFICATIONS

- ISO 6743-9: L-XBEHB 2
- DIN 51502: KP2P- 20

PERFORMANCES AND CUSTOMER BENEFITS

- Thanks to its sophisticated formulation **MULTIPLEX EP 2** meets a wide variety of requirements. Its range of applications is extensive.
- **MULTIPLEX EP 2** forms a lubricating film which is durable, and resistant to water, temperature variations and pollution, and hence reduces maintenance and costs.
- Miscible with most other conventional soap greases.
- **MULTIPLEX EP 2** does not contain lead, or other heavy metals considered harmful to human health and the environment.

PHYSICAL AND CHEMICAL CHARACTERISTICS

ELF MULTIPLEX EP2	Method	Units	Value
Soap / thickener			Lithium/ Calcium complex
NLGI grade	ASTM D 217/DIN 51 818	-	2
Color	Visual	-	Green
Appearance	Visual	-	Smooth
Operating temperature range		°C	-20 to 160
Penetration at 25°C	ASTM D 217/DIN51 818	0.1 mm	265-295
Four ball weld load	DIN 51 350-4	daN	360-380
Anti-rust performance SKF- EMCOR	DIN 51 802/IP220/NFT 60-135/ISO 11007	rating	0-0
Dropping point	IP 396/DIN ISO 2176	°C	>260
Kinematic viscosity of the base oil at 40°C	ASTM D 445/DIN 51 562-1/ISO 3104/IP71	mm^2/s (cSt)	340

The features mentioned above are average values obtained with some variability in production and do not constitute a specification.

TOTAL LUBRIFIANTS
562 avenue du Parc de l'Ile
92029 Nanterre
France

This lubricant does not cause adverse health effects when used in the intended application.
A safety datasheet, is accessible on request from your local dealer.