

# MULTIS COMPLEX HV 2



Lubricating grease



**Multi purpose extreme pressure high temperature lithium/calcium complex grease.**

## APPLICATIONS

**Multi purpose heavy duty EP grease**  
**General Lubrication**

### Recommendation

- **MULTIS COMPLEX HV 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.
- **MULTIS COMPLEX HV 2** is a true multi purpose grease, formulated for lubrication of loaded slide-, ball-, and roller-bearings, wheelbearings, 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

## ADVANTAGES

**Durable film**  
**Miscible**  
**No harmful substances**  
**Mechanical stability**  
**Thermal stability**

- Thanks to its sophisticated formulation **MULTIS COMPLEX HV 2** meets a wide variety of requirements. Its range of applications is extensive.
- **MULTIS COMPLEX HV 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.
- **MULTIS COMPLEX HV 2** does not contain lead, or other heavy metals considered harmful to human health and the environment.

TYPICAL CHARACTERISTICS	METHODS	UNITS	MULTIS COMPLEX HV 2
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 <sup>2</sup> /s (cSt)	340

Above characteristics are mean values given as an information.

**TOTAL LUBRIFIANTS**  
**Industrie & Spécialités**  
04-03-2004  
MULTIS COMPLEX HV 2  
1/1



This lubricant used as recommended and for the application for which it has been designed does not present any particular risk.  
A material safety data sheet conforming to the regulations in use in the E.C. is obtainable via your commercial adviser [www.quick-fds.com](http://www.quick-fds.com).