

MULTIS COMPLEX MHD 220



Grease

Extreme-pressure and high-temperature complex lithium/calcium soap grease.

APPLICATIONS

**Extreme-pressure
multipurpose grease,
Loads**

General lubrication

- **MULTIS COMPLEX MHD 220** is adapted to the lubrication of all applications operating in difficult conditions, but more particularly under load and high-temperature constraints for which a conventional lithium soap grease is no longer sufficient.
- **MULTIS COMPLEX MHD 220** is a multipurpose grease, specially formulated for the lubrication of wheel bearings, ball bearings, plain bearings and roller bearings subjected to high loads and for lubrication of any application subjected to vibrations in transportation, agriculture and off-road vehicles.
- **MULTIS COMPLEX MHD 220** is also well-suited to any industrial application in which NLGI 2 grade, high-temperature and extreme-pressure grease is required.

SPECIFICATIONS

- ISO 6743-9 : L-XCEHB 2
- DIN 51502 : KP2P- 30

ADVANTAGES

**Operating performance of the
grease film,
Thermal and mechanical
stability,
Miscibility,**

No harmful substances

- Thanks to its sophisticated formulation, **MULTIS COMPLEX MHD 220** is able to meet the lubrication requirements of various types of equipment.
- Strong lubrication film which will protect against large variations of temperature and pollution. Rationalization of product on site with this product allow to reduce maintenance costs.
- Miscible with the majority of conventional greases.
- **MULTIS COMPLEX MHD 220** does not contains any lead, or any other heavy metal considered to be harmful to human health or the environment.

TYPICAL CHARACTERISTICS	METHODS	UNITS	MULTIS COMPLEX MHD 220
Thickener		-	Complex lithium
NLGI grade	ASTM D 217/DIN 51 818	-	2
Colour	Visual	-	Dark blue
Appearance	Visual	-	Smooth
Operating temperature range		°C	- 30 to 160
Penetration at 25°C	ASTM D 217/DIN51 818	0.1 mm	265 - 295
4 ball weld load	ASTM D 2596	kgf	≥ 315
SKF- EMCOR anti-rust performance	DIN 51 802/IP220/NFT 60-135/ISO 11007	rating	0 - 0
Dropping point	IP 396/DIN ISO 2176	°C	> 260
Viscosity of base oil at 40°C	ASTM D 445/DIN 51 562-1/ISO 3104/IP71	mm ² /s (cSt)	220

Above characteristics are mean values listed for purposes of information

TOTAL LUBRIFIANTS
Industrie & Spécialités
03-01-2019
MULTIS COMPLEX MHD 220
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.