

# MULTIS COMPLEX EP 2



*Lubricating grease*



**Multi-purpose extreme pressure high temperature lithium complex grease.**

## APPLICATIONS

**Multi-purpose medium duty EP grease**  
**General Lubrication**

### Recommendation

- **MULTIS COMPLEX EP 2** is designed for the lubrication various applications in all types of operating conditions, but particularly where the operation temperature is high and the use of conventional lithium greases is limited.
- **MULTIS COMPLEX 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 Extreme Pressure grease, resistant to elevated temperatures.
- 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-XBEB 2
- DIN 51502: KP2P- 20
- NLGI GC-LB

## ADVANTAGES

**Extensive application range**  
**Durable film**  
**Mechanical stability**  
**Thermal stability**  
**Miscible**  
**No harmful substances**

- Thanks to its sophisticated formulation **MULTIS COMPLEX EP 2** meets a wide variety of requirements . Its range of applications is extensive, allowing stock rationalization and simplification of maintenance..
- Fulfills the requirements of most automotive Original Equipment Manufacturers.
- Forms a lubricating film which is durable, and resistant to humidity, temperature variations and pollution, and hence reduces maintenance and costs.
- Miscible with most other conventional soap greases.
- **MULTIS COMPLEX EP 2** does not contain lead, or other heavy metals considered harmful to human health and the environment.

TYPICAL CHARACTERISTICS	METHODES	UNITS	MULTIS COMPLEX EP 2
Soap/thickener		-	Lithium complex
NLGI grade	ASTM D 217/DIN 51 818	-	2
Color	Visual	-	Red
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	280-300
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	>275
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)	165

Above characteristics are mean values given as an information.

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MULTISCOMPLEXEP2

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This lubricant must be applied as recommended and used for the application for which it was designed. TOTAL Specialties USA, Inc. will have no responsibility for any injury to persons or property resulting from misuse or misapplication of the lubricant. A safety data sheet conforming to the OSHA Hazard Communication Standard 29 CFR Section 1910.1200 can be downloaded at [www.totalspecialties.com](http://www.totalspecialties.com). Copyright 2016 All rights reserved.