

TECHNICAL DATA SHEET

QUAKERTEK™ EPX - 1

MULTIPURPOSE LITHIUM EP GREASE

Multi-purpose lubricating grease based on highly refined mineral oils, with an extremely low polycyclic aromatic hydrocarbon content, without any heavy organic metals (lead, barium, antimony, etc.) nor chlorine derivatives.

It can be considered as “environmentally friendly”.

QUAKERTEK™ EPX - 1 satisfies the United States Steel N° 370 (extreme pressure grease for high temperatures) and N° 375 (grease for use in rolling mills) specifications.

Applications

Suitable for rolling contact and plain bearings, and in general, mechanisms working under heavy loads a shocks: steel works, rolling mills, mining, construction equipment, etc.

Storage Indications

- Store at room temperature away from water, moisture or ignition sources.
- Avoid storage outside in open air.
- Store in closed containers.
- Avoid spillage in water and on the ground.
- Dangerous reaction with strong oxidizers.
- Avoid the transfer to other packaging. If inevitable, put a label on the new one.
- For more information on the safe handling and use of this product, refer to its Material Safety Data Sheet.

Benefits

- High load capacity.
- Excellent mechanical stability and water resistance.
- Very good antiwear, corrosion and oxidation protection.
- Extraordinary anti-wear and extreme-pressure properties.
- Totally free from lead compounds.

Health, Safety and Handling

Please consult the Safety Data Sheet (SDS) for information on storage, safe handling and disposal. The conditions or methods of handling, storage, use and disposal of the product are beyond our reasonable control - we assume no liability for any ineffectiveness of the product or any injury or damage, arising out of or in connection with these conditions.



Typical Physical Properties

PROPERTY	TYPICAL VALUE
Appearance	Bright and transparent
Thickener type	Lithium
NLGI Grade	1
Dropping point, METTLER FP-83HT, °C	196
Copper strip corrosion (24h/100°C), ASTM D-4048	1a
Emcor test, DIN 51502	0
Four ball machine	
Wear scar (1h/40kg/75°C), ASTM D-2266, Ø, mm	0.40
Weld point, ASTM D-2596, kg	250
EP Timken machine, ASTM D-2509, pounds OK	50
Qualification according to DIN 51502	KP 1 K-30

All reasonable care has been taken to ensure this publication is accurate upon issue. Such information may be affected by changes subsequent to issue. This Technical Data Sheet is to be used solely for this product. Prior to any use, consult the Safety Data Sheet (SDS) for information on hazard risks and product use parameters. All liability and all warranties express or implied are hereby excluded as to product performance results, the accuracy of these data including any warranty of merchantability or fitness for any purpose. 231361

