

MULTIS LX 960-1

Lithium Heavy Duty Grease

KEY DATA

- **MULTIS LX 960-1 is a lithium based, heavy duty grease designed for use in extreme conditions, such as those found in the mining and construction industry.**
- **It is formulated to provide outstanding protection against heavy and shock loading using a combination of high viscosity base oils, extreme pressure (EP) additives and lubricating solids.**
- **MULTIS LX 960-1 can be used in slow speed, heavily loaded bearings, pins, bushes and sliding applications.**
- ✓ **Lithium based and compatible with other lithium greases**
- ✓ **Easily pumpable**
- ✓ **Suitable for Bucyrus International (CAT) applications.**

Customer benefits

- ✓ **Excellent anti-wear and EP characteristics**
- ✓ **Prevents scuffing and wear**
- ✓ **Can be used in extreme conditions**
- ✓ **Excellent resistance against water washout and stays in place under high loads**
- ✓ **Heavy and shock load protection**
- ✓ **Good shear stability maintaining its consistency during service**
- ✓ **Good adhesive characteristics**
- ✓ **Excellent protection against rust and oxidation**

Characteristics*

Test	Result
Thickener Type	Lithium
Colour/Appearance	Grey/Tacky
Consistency (NLGI)	1
Base Oil Viscosity @ 40°C (cSt)	960
Worked Penetration (60 strokes)	310 - 340
4-Ball Weld Load (kgf)	620

4-Ball Weld Scar (mm)	0.47
Dropping Point (°C)	190+
Copper Corrosion (24hr @ 100°C)	1a
Oil Separation (%)	2.61
Solids Content (% mass)	3

* The characteristics given above are obtained with a standard tolerance threshold during production and may not be considered specifications.

Specifications

ISO 6743-9: L-XBCHB1

DIN 51502: KPF1P-20

Recommendations for use

Before using the product, the vehicle's maintenance guide should be checked. Oil and grease changes should be carried out in accordance with the manufacturer's recommendations.

The product should not be stored at temperatures over 60°C. It should be kept away from sunlight, intense cold and extreme temperature fluctuations.

If possible, the packaging should not be exposed to the elements. Otherwise, the drums should be laid horizontally in order to avoid any contamination from water and to prevent the product's label from rubbing off.

Health, safety and the environment

Based on the toxicological information available, this product should not cause any adverse health effects, provided it is used for its intended purpose and in accordance with the recommendations laid out in the Safety Data Sheet. This can be obtained on request from your local reseller and is available for consultation at <https://sdstotalms.total.com/TotalPullWebsite/en>

This product should not be used for any purposes other than the ones for which it is intended.

When disposing of the product after use, please protect the environment and comply with local regulations.