



Grease CSH

NLGI 1, 2, 3 SPECIAL GREASES

Specifications

DIN 51502, DIN 51825 KP R-20, ISO 6743-9 L- XBFHB

Description

Eldon's GREASE CSH is an advanced industrial type calcium sulfonate complex grease, especially formulated to cope with the severest operating conditions, heavy loads, long re-lubrication intervals, high speeds etc. Due to its special soap structure it offers excellent performance in wet and humid environments and a long service life. It offers protection and effective lubrication at high temperatures where other complex greases cannot perform.

Applications

Eldon's GREASE CSH is intended primarily as a multipurpose grease for the lubrication of rolling element bearings operating over a wide range of temperatures. It is especially recommended for use at high temperature applications, where the superior characteristics of the calcium sulfonate outperforms any other alkali based grease. It's excellent resistance to seawater makes it ideal for applications where the presence of water cannot be avoided.

Typical Data

ELDON'S GREASE CSH *	METHOD	1	2	3
Product Code		ELD10271	ELD10082	485
Soap Base		Calcium Sulfonate Complex		
Colour		Light Brown		
Texture		Tacky		
NLGI Grade		1	2	3
Worked Pen. at 25 °C, 1/10 mm	ASTM D-217	310 - 340	265 – 295	220 - 250
Dropping Point, °C	ASTM D-2265	320	330	330
Four Ball Test Welding Point (kgf)	ASTM D-2596	400	400	400
Scar Diameter	ASTM D-2266	0.47	0.45	0.45
Rust Preventive Properties	ASTM D-1743	Pass	Pass	Pass
Water washout characteristics, % loss, wt at 79 °C	ASTM D-1264	1.7	1.5	1.1
Viscosity of Base oil at 40°C, cSt	ASTM D-445	220	220	220
Working Temperature, °C		- 20 to + 180		

*Due to continuous product development and improvement, the information in this data sheet may be altered without prior notice.

Advantages

- ✓ Outstanding lubrication properties at peak temperatures up to + 260 °C.
- ✓ Maintains its characteristics for long storage periods
- ✓ Protects against wear and corrosion.
- ✓ Effective protection against rust and corrosion.
- ✓ Fine protection from oxidation and wear.
- ✓ Superior performance ensuring longer life of grease and bearings.

Method of Application

Eldon's GREASE CSH can be applied manually, or by using a standard grease gun. As with all greases used for the first time, check compatibility with the grease applied previously and if necessary purge bearings prior to application. Do not over-lubricate bearings; apply the quantity of grease recommended by the bearing manufacturer.

Health and Safety

Avoid prolonged or repeated contact of used lubricants with skin. In case of skin contact wash well. Used lubricants should be collected in special containers and disposed of in accordance to local legislation. For additional information please consult with the Material Safety Data Sheet (SDS).

Available Packaging

Pail 16 kg
Drum [180 kg]
(For more available packaging contact your sales representative)

