SO-GREASE EP2

High quality, multi-use EP grease

APPLICATION

SO-GREASE EP2 is a high specification, multi-purpose grease, suitable for general industrial and automotive applications.

Suitable for use in high pressure greasing equipment. Its pumpability ensures regular and easy flow through the fine bore pipes used in automatic systems. It can be used for product rationalisation for many applications.

The structure of the grease is based upon a conventional lithium metallic soap, which will ensure compatibility with other lithium greases of a similar nature. It contains extreme pressure, anti-rust and anti-oxidation additives.

ADVANTAGES / BENEFITS

- **Lead-free**
- **Contain extreme pressure additives to allow use in heavy load conditions**
- **Formulated to contain anti-rust additives to protect against corrosion**
- **Anti-oxidants included to prolong product life**

SHELF LIFE

The minimum shelf life is 36 months if the product is properly stored between 0°C – 40°C in it's unopened original container in a dry place.

The indication of a minimum shelf life does not include any guarantee of durability.

SPECIFICATIONS

- **NLGI 2**
- DIN 51 825 Classification
  KP 2 K-20
- ISO 6743-9 Classification
  L-XBCEB 2

Health, Safety and Environment - information is provided for products in the relevant Safety Data Sheet. This provides guidance on potential hazards, precautions and first-aid measures, together with environmental effects and disposal of used products.

While the information and figures given here are typical of current production and conform to specification, minor variations may occur. No warranty expressed or implied is given concerning the accuracy of the information or the suitability of the products

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TECHNICAL DATA: GREASE

Characteristics	Unit	Result	Test Method
Colour		Translucent brown	
Texture		Smooth	
Thickening agent		Lithium soap	
Drop point	°C	177 minimum	ISO 2176
Worked penetration	1/10mm	265 – 295	ISO 2137
DIN Classification		KP 2 K-20	DIN 51 825
ISO Classification		L-XBCEB 2	ISO 6743-9
NLGI Grade		2	
Water content	%wt	0.2 maximum	IP 74
Acidity on base grease as oleic	%wt	0.2 maximum	IP 37
Alkalinity on base grease as LiOH	%wt	0.2 maximum	IP 37
Oil separation 7 days at 40°C	%wt	7 maximum	IP 121
Oxidation stability maximum pressure drop 100 hours	bar	0.7	IP 142
Dynamic anti-rust test distilled water		0,0	IP 220
Copper corrosion 24hr at 40°C	degree of corrosion	Pass	IP 112
4 Ball weld load	N	2453	IP 239
Sphere of use	°C	-25 to +130	

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TECHNICAL DATA: FLUID COMPONENT

Characteristics	Unit	Result	Test Method
Fluid component	Highly refined mineral oil		
Kinematic viscosity (fluid component) at 40°C at 100°C	 mm²/s mm²/s	 230 17.5	DIN EN ISO 3104

AVAILABLE PACK SIZES

Grade Name	Pack Size	Part Number
SO-GREASE EP2	400gm	SOL-740-5100K
	5kg	SOL-740-5105C
	12.5kg	SOL-740-5110M
	50kg	SOL-740-5120P

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