



MULTI EP

Superior Quality Multipurpose Greases

Product Overview

MULTI EP greases are superior quality multipurpose products with extreme pressure and anti-wear-and-tear properties. They are especially formulated for lubricating journal bearings, needle and roller bearings and parts subjected to shock and vibrations.

MULTI EP greases are mechanically stable and maintain their consistency after long periods of use. Even in wet working conditions, they are resistant to water ingress and protect equipment from corrosion.

Benefits

- Better protection against wear-and-tear for reliable protection of the equipment
- Good stability to oxidation, resistance to mechanical constraints and long product lifecycle
- Good resistance to water ingress
- Excellent tackiness properties
- Does not contain lead or heavy metals considered to be hazardous to humans and the environment

Applications

- General lubrication in transport, agriculture, public works, mining & off-road vehicles
- Lubrication of bearings on electrical motors, pumps, compressors, fans, blowers and other equipment including marine applications

Health and Safety

This lubricant is unlikely to produce any significant health or safety hazard when used in the application it has been designed for and according to the recommendations provided in the Material Safety Data Sheet. MSDS are available upon request through your sales advisor.

When disposing of used oil, please observe all current regulations and protect the environment.

MULTI EP

Typical properties

Test parameters	Method					
NLGI Grade	ASTM D217	00	0	1	2	3
Classification	ISO 12924	L-XD(F)CIA00	L-XC(F)CIB0	L-XBCIB1	L-XBCIB2	L-XBCIB3
Classification	DIN 51 502	KP00K-40	KP0K-30	KP1K-20	KP2K-20	KP3K-20
Soap Thickener		Lithium	Lithium	Lithium	Lithium	Lithium
Base fluid		Mineral	Mineral	Mineral	Mineral	Mineral
Colour	Visual	Amber	Amber	Amber	Amber	Amber
Texture	Visual	Smooth	Smooth	Smooth	Smooth	Smooth
Temperature Range of use, °C		-40° to 120°C (max + 130°C)	- 30° to 120°C	-20° to 130°C	-20° to 130°C	-20° to 130°C
Dropping Point	IP 396	>160°C	>160°C	>180°C	>190°C	>190°C
Base Oils viscosity @ 40°C, mm ² /s	ASTM D 7152	200 mm ² /s	200 mm ² /s	130 mm ² /s	200 mm ² /s	200 mm ² /s
Base Oils viscosity @ 100°C, mm ² /s	ASTM D 7152	15 mm ² /s	15 mm ² /s	13 mm ² /s	15 mm ² /s	15 mm ² /s
Penetration 60 strokes	ISO 2137	400 - 430	355 - 385	310 - 340	265 - 295	220 - 250
4-ball weld load	DIN 51350:4	2400 N	2600 N	250 kg	285 kg	285 kg
Water resistance at 90°C	DIN 51807:1	1	1	1	1 - 90	1 - 90
Water wash out at 38°C	ISO 11009	< 10%	< 10%	< 10%	< 10%	< 10%
Emcor salt water	ISO 11007	≤ 2 – 2	≤ 2 – 2	≤ 2 – 2	≤ 2 – 2	≤ 2 – 2
Flow pressure at -40°C	DIN 51805 mod	< 1400 mbar	N/A	N/A	N/A	N/A
SKF R2F B at 100°C	SKF	N/A	N/A	N/A	N/A	N/A
Density	IP 530	910 kg/m ³	920 kg/m ³	880 kg/m ³	890 kg/m ³	880 kg/m ³

Above characteristics are mean values given as information. They do not constitute a specification.