

## COMDAX

### LITHIUM COMPLEX GREASE

#### Description

COMDAX is a lithium complex thickened lubricating grease based on virgin mineral oil. The grease contains antioxidants, corrosion inhibitors and EP/AW additives. The lithium complex soap makes the product suitable for applications within a very wide temperature range and especially applications at elevated temperatures. The complex soap structure also gives the product a high degree of mechanical stability, which enhances the performance in vibrating housings and prolongs re-lubrication intervals. It meets Volvo standard 1277.2 and NLGI standard GC-LB. Comdax is available in blue color (EP-B 2) and red color (EP-R 2), properties are the same.

#### Application

COMDAX is a modern high performance product setting a new standard for a truly universal grease, suitable for both industrial and automotive applications. The product's all-round properties make it the primary choice for various types of bearing applications, including heavy load conditions and temperature peaks up to 180°C.

#### Typical Properties

		Comdax EP-B 2	EP-R 2
Code		GR0010009	GR0010010
Thickener		Lithium complex	Lithium complex
Base fluid		Mineral oil	Mineral oil
Texture		Smooth	Smooth
Colour	Visual	Blue	Red
NLGI Grade	ASTM D 217 mod	NLGI-2	NLGI-2
Dropping point	IP 396	> 260°C	> 260°C
Base oil viscosity at 40°C	ASTM D 7152	210 mm <sup>2</sup> /s	210 mm <sup>2</sup> /s
Base oil viscosity at 100°C	ASTM D 7152	16 mm <sup>2</sup> /s	16 mm <sup>2</sup> /s
Penetration 60 strokes	ISO 2137	265 - 295	265 - 295
4-ball weld load	DIN 51350:4	2800 N	2800 N
Water resistance at 90°C	DIN 51807:1	1	1
Water wash out at 38°C	ISO 11009	< 10 %	< 10 %
Emcor salt water	ISO 11007	≤ 2 - 2	≤ 2 - 2
Flow Pressure at -30°C	DIN 51805 mod	< 1400 mbar	< 1400 mbar
SKF R2F B at 140°C	SKF	Pass	Pass
Density	IP 530	900 kg/ m <sup>3</sup>	900 kg/ m <sup>3</sup>
Temperature range		-30°C to +140°C (Max +180°C)	-30°C to +140°C (Max +180°C)



#### Benefits

- Very good corrosion protection
- Good resistance to shock loads
- Good thermal resistance

#### Specifications

##### Comdax EP-B 2 / Comdax EP-R 2

- DIN 51502: KP2N-30
- ISO 12924: L-XC(F)DIB2