



RENOLIT DURAPLEX EP

Extreme pressure lithium complex grease

Description

RENOLIT DURAPLEX EP is a lithium complex grease capable of withstanding high thermal and mechanical loads. It has outstanding resistance to water washouts and provides excellent corrosion protection, work stability and resistance to ageing.

Application

RENOLIT DURAPLEX EP is primarily designed for the lubrication of steel roll mill bearings but is also ideal for the lubrication of high temperature bearings used in industry.

This grease can be used where the operating temperature varies from -30 °C to +160 °C. If the operating temperature is above 200 °C, the grease has to be frequently replenished.

RENOLIT DURAPLEX EP offers the following benefits:

- Long grease life at high temperatures.
- Excellent wear protection.
- Suitable for a wide variety of applications, thus reducing inventory.

CHARACTERISTICS

Properties	Units	Value		Test Method
NLGI Grade		2	3	DIN 51 818
DIN Classification		KP 2 R-30	KP 3 R-30	DIN 51 825
Colour		Green		
Soap Type		Lithium Complex		
Worked Penetration	0.1 mm	265 - 295	220 - 250	ASTM D-217
Dropping Point	°C	280	280	ASTM D-566
Base Oil Viscosity @ 40°C	mm ² /s	100 - 120	100 - 120	ASTM D-445
Temperature Range	°C	-30 to +160	-30 to +160	
Timken OK load	lbs.	55	55	ASTM D-2509
Four ball EP-test, weld load	N	2800	2800	ASTM D-2596

