



## RENOLIT FEP

### Extreme pressure lithium grease

#### Description

RENOLIT FEP greases are multi-purpose extreme pressure Lithium based greases with EP additives. They also contain special inhibitors to increase ageing stability and anti-corrosion properties. RENOLIT FEP greases have a very high resistance to mechanical loads, minimise wear under heavy and shock load conditions and give excellent protection against water washout and rusting. RENOLIT FEP greases are available in NLGI consistencies numbers 000, 00, 0, 1, 2, & 3.

#### Application

RENOLIT FEP greases exhibits good water washout resistance, coupled with a high dropping point. It is therefore suitable for the lubrication of both plain and rolling element bearings operating under high temperature, high load conditions. Operating temperatures up to 120°C can be withstood, or higher if the grease is frequently replenished.

RENOLIT FEP greases offer the following benefits

- High temperature capability.
- Withstand high loads and shock loading.
- Resistant to water washout.
- Suitable for most bearing operations.

RENOLIT FEP greases can be used for most industrial and automotive applications, where loaded bearings and joints exist.

### CHARACTERISTICS

Properties	Units	Value						Test Method
NLGI Grade		000	00	0	1	2	3	DIN 51 818
DIN Classification		KP000K-20	KP00K-20	KP0K-20	KP1K-20	KP2K-20	KP3K-20	DIN 51 825
Colour		Dark Brown						
Soap Type		Lithium						
Worked Penetration	0.1 mm	445-475	400-430	355-385	310-340	265-295	220-250	ASTM D-217
Dropping Point	°C	150 min.	165 min.	170 min.	180 min.	185 min.	190 min.	ASTM D-566
Base Oil Viscosity @ 40°C	mm <sup>2</sup> /s	190 - 220	190 - 220	190 - 220	190 - 220	190 - 220	190 - 220	ASTM D-445
Timken OK load	lbs.	44 - 50	44 - 50	44 - 50	45 - 50	45 - 55	45 - 55	ASTM D-2509
Four ball EP-test, weld load	kg (F)	-	-	-	260-280	260-280	260-280	ASTM D-2596

