



## RENOLIT MP GREASES

Premium quality lithium base greases

### Description

RENOLIT MP GREASES are premium quality lithium base greases, developed specifically for applications encountered in modern industrial environments.

Only the highest quality lithium soaps, of the 12 hydroxy stearate type, are used together with carefully selected premium quality base oils of the most suitable viscosity. The resulting greases are extremely shear stable and do not soften even after prolonged working.

Providing bearing seals are efficient and in good condition this grease will last for extended periods between re-greasing intervals. However, it is advisable to inspect bearings from time to time to ensure that optimum operating performance is achieved.

RENOLIT MP GREASES contain anti-oxidant, anti-corrosion, metal de-activator and anti-wear additives.

### Application

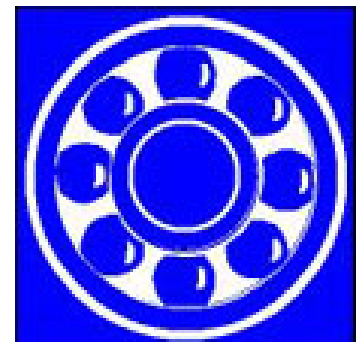
RENOLIT MP GREASES are recommended for general industrial use and also for the lubrication of electric motor bearings

### Advantages/Benefits

- Corrosion resistant
- Contain anti-oxidant to prolong product life
- Smooth texture
- Universal application
- Extremely shear stable
- Excellent mechanical stability

### Specifications

- RENOLIT MP 2 meets the requirements of British Timken Spec 3559 and is approved to ASEA7811 and RHP requirements.
- After extensive practical testing on the railways RENOLIT MP 3 grease is fully approved to British Railways Specification Number 673 and meets the lubrication requirements of Carriage/Wagon axle boxes fitted with rolling element anti-friction bearings. It is also approved to RHP standards.



June 2002 GDUK Page 1 of 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



## CHARACTERISTICS: RENOLIT MP GREASES

RENOLIT .....		MP 2	MP 3	
Characteristics	Unit			Test Method
Colour		Opaque brown	Opaque brown	
Texture		Smooth	Smooth	
Thickening agent		Lithium soap	Lithium soap	
Drop point	°C	177 min.	182 min.	ISO2176
Worked penetration	1/10 mm	265-295	220-250	ISO2137
DIN Classification		K 2 K-30	K 3 K-30	DIN 51 825
NLGI grade		2	3	
Water content	%wt	Trace	Trace	IP74
Acidity on base grease as oleic	%wt	0.1	<0.05	IP37
Alkalinity on base grease as LiOH	%wt	0.1	0.1	IP37
Oil separation 7 days at 40°C	%wt	4.2	3.3	IP121
Oxidation stability maximum pressure drop 100 hours	bar	0.91	0.90	IP142
Dynamic anti-rust test distilled water		0,0	0,0	IP220
Copper corrosion 24 hr at 40°C		Passes	Passes	IP112
SKF R2F Rig No.2 & 4 Conditions		Passes	-	
Sphere of use	°C	-30 to +120	-30 to +125	

## Fluid Component

Type		Highly refined mineral oil	Highly refined mineral oil	
Kinematic viscosity at 40°C	mm <sup>2</sup> /s	102.7	118.0	ISO3104
at 100°C	mm <sup>2</sup> /s	11.56	11.9	

June 2002 GDUK Page 2 of 2

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