



Renolit ST-80 Lithium 12-Hydroxy High Performance Grease

Description

Renolit ST-80 grease is a lithium 12-hydroxy formulated with the highest quality mineral oils, additive system and also contains PTFE. Its ivory white color aids equipment operators in identifying that the equipment has been lubricated properly.

Renolit ST-80 is very shear stable and is a NLGI 2-1/2 grade for applications where a heavier grease is desired, such as shielded or un-sealed bearings where the grease needs to provide a supplementary seal to eliminate outside contaminants from entering the load zone of the bearings.

Application

Heavy industrial applications subject to heat, loads, shear, and water conditions. Ideal for unsealed bearings, bushings, gibbs, ways, where there is heavy loads and severe sliding action.

Mining / Construction applications of hitch pins of large haul trucks and shackle pins. Heavily loaded bushings that support oscillating sliding contact points such as king pins on buckets, excavators, shovels, and loaders.

Anywhere a high performance grease is required.

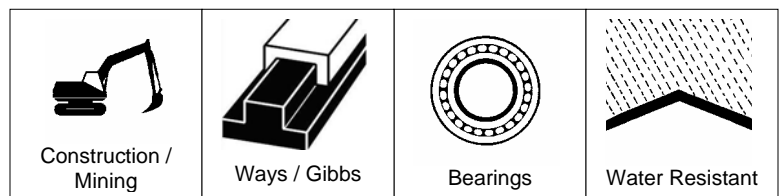
Specifications / Packaging

Consult local sales representative for available package sizes.

Advantages / Benefits

- Multi-Purpose / High Performance
- Excellent Water Resistance
- Very Shear Stable
- Extreme Pressure / Anti-Wear / Corrosion Protection
- Contains PTFE for Extended Wear Protection and Friction Reduction
- Protection Against Shock Loading

Material Safety Data Sheets are available. Before handling, read Product Data Sheet and Material Safety Data Sheet for proper handling and health hazard information.



Product information furnished is based on data obtained by our own research and is considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data, or the results to be obtained from the use thereof. Seller shall not be liable for any loss or damage or liability resulting from the use of the product in the buyer's manufacturing processes or in combination with other substances.

Product Information



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TYPICAL INSPECTION DATA

PROPERTY	VALUE	UNITS	METHOD
Product Name	Renolit ST-80		
Product Code	300150762100		
NLGI Grade	2 ½		
Thickener	Lithium		
Texture	Smooth/ Tacky		
Color	Ivory White		
Penetration, Worked	255	0.1 mm	ASTM D 217
Dropping Point	428 (220)	°F (°C)	ASTM D 2265
Oxidation, 100 hrs	3	psi Loss	ASTM D 942
Wheel Bearing Leakage	0.5	Grams	ASTM D 1263
Water Washout	1.0	%	ASTM D 1264
Rust Test Rating	Pass	Pass / Fail	ASTM D 1743
4-Ball Weld	315	kgf	ASTM D 2596
Timken OK Load	55	lbs	ASTM D 2509
Copper Corrosion	Pass		ASTM D 4048
Base Oil Characteristics			
Viscosity @ 210°F	63.3	SUS	Calculated
Viscosity @ 100°F	668	SUS	Calculated
Viscosity @ 100°C	11.25	cSt	ASTM D 445
Viscosity @ 40°C	144.2	cSt	ASTM D 445
Viscosity Index	44		ASTM D 2270
Flash Point	340 (171)	°F (°C)	ASTM D 92
Pour Point	-20 (-29)	°F (°C)	ASTM D 97

12/04 - BK