



Renolit Aluminum Complex Grease Steel Processing Grease

Description

Renolit Aluminum Complex Grease is a new technology aluminum complex, extreme pressure (EP) grease specially formulated with premium quality, severely hydrotreated base stock. **Renolit Aluminum Complex Grease** displays superior corrosion protection on metal surfaces even in the presence of aggressive mill water, minimizing water etching and staining. **Renolit Aluminum Complex Grease** contains polymer additives, which result in superior adhesion to metal surfaces providing continuous lubricant protection. Extreme pressure and anti-wear additives protect against wear during "mixed film" lubrication and provide lubricity over a wide range of temperatures.

Application

Heavy industrial applications subject to high heat, shear, and water.

Steel processing equipment such as Continuous Casters, Hot Strip Mills, Mill Roll Neck Bearings, Spindles, Couplings, and Gearing.

Miscellaneous applications requiring a high temperature, water resistant, tacky grease.

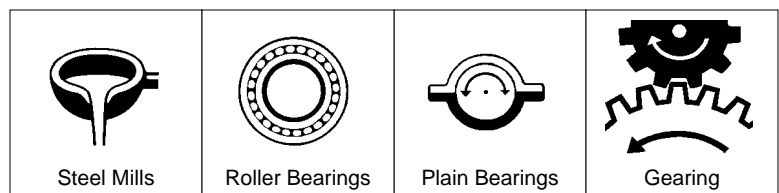
Specifications / Packaging

Renolit Aluminum Complex Grease is only available in 20/14-ounce cartridges cases. If other package sizes are required, consult your local sales representative.

Advantages / Benefits

- High Temperature Performance
- Inherent Reversibility
- Excellent Water Resistance
- Very Shear Stable
- Extreme Pressure / Anti-Wear Protection
- Polymer Fortified For Enhanced Film Strength
- Corrosion Resistant / Combats Black Acid Etching
- Multi-Purpose / High Performance

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 Aluminum Complex Grease		
Product Code	300110451002		
NLGI Grade	1		
Thickener	Aluminum Complex		
Texture	Tacky / Granular		
Color	Brown		
Penetration, Worked 60X	325	0.1 mm	ASTM D 217
Penetration, Wrk 10,000X	345	0.1mm	ASTM D 217
Dropping Point	500+ (260+) Min.	°F (°C)	ASTM D 2265
Water Spray-Off @ 100°F	9	% loss	ASTM D 4049
Water Washout, @ 175°F	5	% loss	ASTM D 1264
Rust Test Rating	Pass	Pass / Fail	ASTM D 1743
Copper Corrosion	1b		ASTM D 4048
Roll Stability (Standard)	1.2	% change	ASTM D 1831
Modified Roll Stability (25ml of Water)	-3.0	% change	ASTM D 1831 M
Combo Shear Test			
Blender Phase (29ml water absorbed)	1.3	% change	LT 46
Modified Roll Stab Phase (0ml water absorbed)	13.7	% change	LT 46
4-Ball Wear	0.80	mm	ASTM D 2266
4-Ball Weld	315	Kgf	ASTM D 2596
Timken OK Load	30	lbs	ASTM D 2509
USS Mobility @ 0°F	2.0	gms/min	USS
Base Oil Characteristics			
Viscosity @ 100°C	16.7	cSt	ASTM D 445
Viscosity @ 40°C	264	cSt	ASTM D 445
Viscosity Index	51		ASTM D 2270
Flash Point	475 (246)	°F (°C)	ASTM D 92
Fire Point	515 (268)	°F (°C)	ASTM D 92
Pour Point	-4 (-20)	°F (°C)	ASTM D 97

10/04 - BK

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