



## Renolit Superplex Series Steel Processing Greases

### Description

**Renolit Superplex** Series are aluminum complex, extreme pressure (EP) greases formulated with premium quality, severely hydrotreated, base stock, polymers and anti-oxidant additives. **Renolit Superplex** Series greases have excellent adhesion to metal surfaces providing continuous lubricant protection while in service.

### 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.

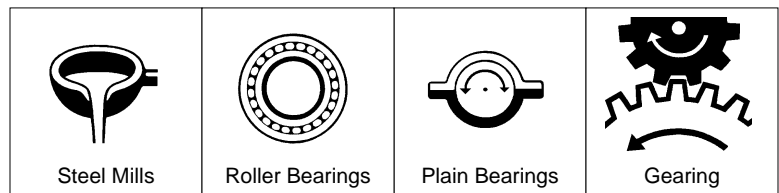
### Specifications / Packaging

**Renolit Superplex** is also in intermediate NLGI grades. Consult local sales representative for available package sizes.

### Advantages / Benefits

- High Temperature Performance
- Inherent Reversibility
- Excellent Water Resistance
- Very Shear Stable
- Extreme Pressure / Anti-Wear Protection

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



## Renolit Superplex Series Steel Processing Greases

### TYPICAL INSPECTION DATA

PROPERTY	VALUE	VALUE	VALUE	UNITS	METHOD
Product Name	Renolit Superplex #0	Renolit Superplex #1	Renolit Superplex #2		
Product Code	300110411700	300110411000	300110412000		
NLGI Grade	0	1	2		
Thickener	Aluminum Complex	Aluminum Complex	Aluminum Complex		
Texture	Tacky / Smooth	Tacky / Smooth	Tacky / Smooth		
Color	Black	Black	Black		
Penetration, Worked 60X	366	325	280	0.1 mm	ASTM D 217
Penetration, Wrk 10,000X	348	339	294	0.1mm	ASTM D 217
Dropping Point	500+ (260+) Min.	500+ (260+) Min.	500+ (260+) Min.	°F (°C)	ASTM D 2265
Water Spray-Off @ 100°F	42	8	6	% loss	ASTM D 4049
Water Washout, @ 175°F	5.6	2.7	10.2	% loss	ASTM D 1264
Rust Test Rating	Pass	Pass	Pass	Pass / Fail	ASTM D 1743
Copper Corrosion	2c	2c	2c		ASTM D 4048
Roll Stability (Standard)	-1.6	5.1	6.2	% change	ASTM D 1831
Modified Roll Stability (25ml of Water)	-2.4	-1.7	-1.5	% change	ASTM D 1831 M
Combo Shear Test					
Blender Phase (40ml water absorbed)	-3.2	-4.0	-4.4	% change	LT 46
Modified Roll Stab Phase (0ml water absorbed)	4.4	5.0	5.3	% change	LT 46
4-Ball Wear	0.68	0.68	0.68	mm	ASTM D 2266
4-Ball Weld	315	315	231550	Kgf	ASTM D 2596
Timken OK Load	30	30	30	lbs	ASTM D 2509
USS Mobility @ 0°F	7.0	5.5	2.5	gms/min	USS
Base Oil Characteristics					
Viscosity @ 100°C	14.96	14.96	14.96	cSt	ASTM D 445
Viscosity @ 40°C	211	211	211	cSt	ASTM D 445
Viscosity Index	58	58	58		ASTM D 2270
Flash Point	405 (207)	405 (207)	405 (207)	°F (°C)	ASTM D 92
Fire Point	420 (215)	420 (215)	420 (215)	°F (°C)	ASTM D 92
Pour Point	-15 (-26)	-15 (-26)	-15 (-26)	°F (°C)	ASTM D 97

05/05 - KCTS

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