

Product Information



Renolit REPLEX Series *Multi-Purpose Lithium Complex Grease*

Renolit REPLEX Series lithium complex greases are premier products and represent the most advanced lubricating grease technology. They are top-of-the-line quality products for severe applications and general-purpose lubrication.

Renolit REPLEX Series greases are superior premium quality lubricants for use in extreme pressure and high temperature operating conditions. They are manufactured from carefully selected petroleum oils and lithium complex soap to create grease, which have dropping points higher than 260°C (500°F) or about 93°C (200°F) higher than many conventional high quality multipurpose greases. They are smooth textured, and have a heavy bodied consistency but provide good pumpability in both hot and cold operating temperatures. They have excellent resistance to water and water washout problems. Oil separation is minimal even under extreme conditions. Heat cycling tests produce only a minor change in consistency.

All **Renolit REPLEX Series** grades are formulated with special lubricity, anti-wear, and extreme pressure additives and are completely fortified with rust and corrosion inhibitors.

Renolit REPLEX Series greases are recommended for all types of bearing and sliding applications, for shock loading, pounding, rough automotive chassis usage and high industrial loads. **Renolit REPLEX Series** greases are multi-purpose lubricants, which can replace several conventional greases resulting in smaller inventory and less chance of misapplication.

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

Renolit REPLEX Series

Multi-Purpose Lithium Complex Grease

TYPICAL INSPECTION DATA

PROPERTY	VALUE			UNITS	METHOD
Product Name	Renolit Replex 0	Renolit Replex 1	Renolit Replex 2		
Product Code	C164300	C164310	C164320		
NLGI Grade	0	1	2		
Thickener	Lithium Complex	Lithium Complex	Lithium Complex		
Texture	Smooth	Smooth	Smooth		
Color	Dark Red	Dark Red	Dark Red		
Penetration, Worked	372	327	281	0.1 mm	ASTM D 217
Worked Stability, 10K	+9	+9	+10	% Change	ASTM D 217
Dropping Point	500+ (260)	500+ (260)	500+ (260)	°F (°C)	ASTM D 2265
Oxidation, 100 hrs	----	7	7	psi Drop	ASTM D 942
Wheel Bearing Leakage	----	4.2	1.6	grams	ASTM D 1263
Water Washout, @175°F	----	6	4	%	ASTM D 1264
Rust Test Rating	----	Pass	Pass	Pass / Fail	ASTM D 1743
Roll Stability	----	+10	+10	%	ASTM D 1831
4-Ball Wear	----	0.38	0.38	mm	ASTM D 2266
4-Ball Weld	----	250	250	kgf	ASTM D 2596
4-Ball LWI	----	40	40	kgf	ASTM D 2596
Timken OK Load	----	45	45	lbs	ASTM D 2509
Copper Corrosion	1a	1a	1a		ASTM D 4048
Base Oil Characteristics					
Viscosity @ 210°F	82	82	82	SUS	Calculated
Viscosity @ 100°F	950	950	950	SUS	Calculated
Viscosity @ 100°C	15	15	15	cSt	ASTM D 445
Viscosity @ 40°C	205	205	205	cSt	ASTM D 445
Viscosity Index	62	62	62		ASTM D 2270
Pour Point	0 (-18)	0 (-18)	0 (-18)	°F (°C)	ASTM D 97

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