

Product Information

MOVING YOUR WORLD



RENOLIT H EP SERIES

Multi-Purpose Lithium 12-Hydroxy Grease

Description

RENOLIT H EP SERIES are lithium 12-hydroxy thickened greases formulated with high quality, virgin base oils, extreme pressure/anti-wear additives and oxidation/corrosion inhibiting additives to provide excellent lubricating properties. RENOLIT H EP SERIES provide outstanding mechanical shear stability and have excellent resistance to water making them ideal for multi-purpose applications thus minimizing the number of grease required. Recommended for many automotive, industrial, mining, and agriculture applications.

Applications

RENOLIT H EP 1 Approved Against Cincinnati-Milacron Specification P-7 (X-1)

RENOLIT H EP 2 Approved Against Cincinnati-Milacron Specification P-64 (X-2)

RENOLIT H EP SF Recommended for Leaky Gearboxes & Central Lubrication Systems

Ball, Roller, Needle Bearings, Plain, Journal Bearings, Slides / Ways / Gibbs, anywhere a General Purpose / Multi-Purpose Grease is required.

Advantages

- Wide Operating Temperature 0-275°F (-18-135°C)
- Excellent Water Resistance
- Oxidation and Corrosion Resistant
- Extreme Pressure / Anti-Wear Protection
- Multi-Purpose Performance Reduces Grease Inventories
- Four NLGI Penetration Grades

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PROPERTY	VALUE				UNITS	METHOD
Product Name	RENOLIT H EP SF	RENOLIT H EP 0	RENOLIT H EP 1	RENOLIT H EP 2		
Product Code	30015042930	30015042000	30015042100	300150422000		
NLGI Grade	000	0	1	2		
Thickener	Lithium	Lithium	Lithium	Lithium		
Texture	Buttery	Buttery	Buttery	Buttery		
Color	Dark Amber	Dark Amber	Dark Amber	Dark Amber		
Penetration, Worked	460	372	328	280	0.1 mm	ASTM D 217
Work Stability, 10K		+6	+6	+7	%	ASTM D 217
Dropping Point		355 (179)	360 (182)	365 (185)	°F (°C)	ASTM D 2265
Oxidation, 100 hrs	5	5	5	5	psi Drop	ASTM D 942
Water Washout	5	5	5	5	%	ASTM D 1264
Rust Test Rating	Pass	Pass	Pass	Pass	Pass /	ASTM D 1743
Roll Stability		+8	+8	+10	%	ASTM D 1831
4-Ball Wear	0.41	0.41	0.41	0.41	mm	ASTM D 2266
4-Ball Weld	250	250	250	250	Kgf	ASTM D 2596
4-Ball LWI	35	35	35	35	Kgf	ASTM D 2596
Timken OK Load	45	45	45	45	Lbs	ASTM D 2509
Base Oil						
Characteristics						
Viscosity @ 210°F	69	69	69	69	SUS	Calculated
Viscosity @ 100°F	667	667	667	667	SUS	Calculated
Viscosity @ 100°C	12.3	12.3	12.3	12.3	cSt	ASTM D 445
Viscosity @ 40°C	144	144	144	144	cSt	ASTM D 445
Viscosity Index	68	68	68	68		ASTM D 2270
Flash Point	224 (435)	224 (435)	224 (435)	224 (435)	°C (°F)	ASTM D 92
Pour Point	-12 (10)	-12 (10)	-12 (10)	-12 (10)	°C (°F)	ASTM D 97

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We therefore recommend you consult a FUCHS Lubricants Co. Application Engineer to discuss application conditions and the performance criteria of the products before the product is used. It is the responsibility of the user to test the functional suitability of the product and to use it with the corresponding care.

Our products undergo continuous improvement. We therefore retain the right to change our product program, the products, and their manufacturing processes as well as all details of our Product Information sheets at any time and without warning. With the publication of this Product Information sheet, all previous editions cease to be valid.

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