

RUBY-TAC™ 220 MULTI-PURPOSE GREASE

Ruby-Tac™ 220 is a multi-purpose grease formulated for a wide range of agricultural and construction applications where bearings operate under conditions of high heat, high speed, vibration, moisture, and heavy loads. **Ruby-Tac 220** is NLGI GC-LB certified (NLGI Grade 2 only) for use as a multi-purpose automotive wheel bearing and chassis lubricant.



TYPICAL APPLICATIONS INCLUDE:

Disk Brake Wheel Bearings	Chassis Points	Plain Bearings	Fifth Wheels
Anti-friction Bearings	Electric Motor Bearings	Pins and Bushings	Pumps
Couplings	Sliding Surfaces	Automatic Lubricators	Conveyors

PRODUCT ATTRIBUTE	TEST METHOD	TYPICAL PROPERTIES	
NLGI Grade	ASTM D217	2	1
Color		Red	
Thickener Type		Lithium Complex	
Solid Additives		none	
Low Temperature Limit, °F (°C)		-22 (-30)	
High Temperature Limit*, °F (°C)		302 (150)	
NLGI Certification	ASTM D4950	GC-LB	--
ISO Classification	ISO 6743-9	LX-CCHB2	--
DIN Classification	DIN 51825	KP 2 K-30L	--
Worked Penetration, 1/10 th mm	ASTM D217	285	320
Density, kg/l @ 15.5°C		0.884	0.868
Base Oil Viscosity, cSt @ 40°C	ASTM D445	220	220
Base Oil Viscosity, cSt @ 100°C	ASTM D445	21.5	21.5
Base Oil Viscosity Index	ASTM D2270	117	117
4-Ball EP, Weld Point, kgf	ASTM D2596	400	400
4-Ball EP, Load Wear Index	ASTM D2596	70	--
4-Ball Wear, scar diameter, mm	ASTM D2266	0.5	0.5
Low Temp Torque, N·m @ -40°C	ASTM D4693	6.05	--
Lincoln Ventmeter Test, psi @ 72°F	OEM Method	400	325
Lincoln Ventmeter Test, psi @ 30°F	OEM Method	550	500
Lincoln Ventmeter Test, psi @ 0°F	OEM Method	1000	800
Dropping Point, °F (°C)	ASTM D2265	572 (300)	532 (278)
High Temperature Life, hrs	ASTM D3527	100	--
PDSC Oxidation Induction Time, min @ 185°C and 500 psi O ₂	ASTM D5483	120+	65
Copper Corrosion, 24hr @ 100°C	ASTM D4048	1b	1b
Rust Test, Distilled Water	ASTM D1743	Pass	Pass
Water Wash-Out, % Loss @ 175 °F	ASTM D1264	<3	--
Water Spray-Off, % Loss	ASTM D4049	8	--

PRODUCT ATTRIBUTE	TEST METHOD	TYPICAL PROPERTIES	
NLGI Grade	ASTM D217	2	1
Oil Separation, % Loss	ASTM D1742	<3	<5
Cone Sieve Oil Separation, % Loss @ 100°C	ASTM D6184	2	--
Tackiness Index, Work/Elongation	Hydrotex	14/10	6/10

WARRANTY:

When properly stored and used in accordance with instructions, any material not satisfactory will be replaced with any product in our line on a dollar for dollar basis provided the account is paid in full when due and Hydrotex is notified in writing within 12 months of the date of the order by the customer.

Hydrotex® is a manufacturer and distributor of high performance lubricant and fuel improver solutions. As an employee owned company, we help our customers develop sustainable solutions designed to improve system reliability, save energy, limit pollution, extend fixed asset life, reduce maintenance costs and improve fuel efficiency. Our products and services leverage over 80 years of innovation resulting in superior lubrication solutions and high touch customer service.