



Renewable Lubricants, Inc.

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MaxxLife™ HT 220 High Temperature Multipurpose Grease

NLGI # 2

This High Temperature EP grease is a state-of-the-art product, characterized by exceptional mechanical and oxidation stability. MaxxLife HT™ 220 is the little brother to the heavy duty MaxxLife HT™ 600 (see MaxxLife HT 600 data sheet). The very high load carrying ability, excellent resistance to water, superior corrosion protection, and outstanding performance in a wide temperature range, make it a high performance premium multipurpose grease. It contains no heavy metals or other harmful or environmentally undesirable additives. This EP grease is formulated with a state-of-the-art synthetic non-soap thickener that gives long life at high temperatures, high extreme pressure characteristics and exceeds NLGI GC/LB (ASTM D-4950).

Applications: Industrial and mining machinery, transportation, agricultural, marine applications, construction and forestry equipment, paper mills, conveyors, journal bearings, electric motors, and pumps can benefit from its long lasting protection.

- Unique high performance multipurpose automotive and industrial grease
- Increases bearing life 2-4 times over conventional (soap-based) grease lubricants (e.g. Lithium/Lithium Complex, etc.)
- Provides significant protection in automotive, industrial and agricultural wheel bearing applications where temperatures can be high due to heat from disc brakes
- Excellent for chassis lubrication because of superior low temperature properties, shear stability, and water resistant
- Preferred grease for lubrication of antifriction bearings
- Recommended for (Seal For Life) Applications
- Outstanding corrosion protection
- H-2 Biodegradable - Environmentally friendly
- Excellent compatibility with other greases

Typical Specifications:

Base Oil Viscosity SUS @ 100 °F	1100
Viscosity SUS @ 210 °F	85
Pour Point, °F	+5
V.I.	95
Dropping Point F (D-566) °F (°C)	+572 (+300)
Water washout (D-1264) @ 79°C (175°F) % loss	2.75
4-Ball wear test (D-2266) m.m scar, 40kg, 1200 RPM 75°C, 1 H	0.39
4-Ball EP test (D-2596)	
LWI, kg	65
Weld point, kg	500
Timken OK load (D-2509) lbs	65
Pen. @ 25°C (77°F) (D-217), mm/10	
Pen. worked 60 strokes	270
Pen. worked 10,000 strokes change from 60 strokes	-1
Pen. worked 100,000 strokes change from 60 strokes	+2
Roll Stability (D-1831) Pen.	+19
Oil Separation (D-1742) -24 hours @ 25°C (77°F)	0.17
Rust test rating (D-1743)	1, 1, 1
Oxidation Stability – (D-942)	
psi press. drop/100 hours	0
psi press. drop/500 hours	2
psi press. drop/1000 hours	9
Salt Fog Corrosion (B-117) hrs	4000
Wheel bearing leakage grams (D-1263) modified @ 163°C (325°F)	0.4
LT-37 Mobility 40°F	133.1 g/minute
0°F	4.98 g/minute

Patented Product with Pending and Foreign Patents

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Availability F.O.B. :Bolton, ON, Canada 16 oz. Tubes 35 lb Pails 120 lb Kegs 400 lb Drums