

Ronex AW Series: 221, 222, 222 Moly

Dependable performance for on and off highway lubrication

Product Description

The Ronex AW series of products continue the brand name and established dependable performance of Ronex MP, upgraded to work in the fleet and off-road market. The series, consisting of Ronex AW 221, 222 and 222 Moly, have been formulated with an ISO 220 viscosity. This mid-viscosity strikes a good balance between cold temperature pumpability and water resistance, while providing the viscosity needed for bearings and other lube points. The water resistance is enhanced by a shear stable polymer, capable of withstanding harsh fleet and off-road applications. Ronex AW also contains a well balanced performance additive package, providing all of the essential ingredients needed for dependable performance. Rust and corrosion protection, wear and shock load protection, consistent with the Ronex name, are balanced for dependable performance.

Ronex AW is recommended for light duty passenger and on-highway truck fleet service, construction and off-road lubrication of steering / suspension components, hinge and bucket pins, bearings, and fifth wheels. The recommended operating temperature range is -20 C to 120 C.

Features and Benefits

Ronex AW 220 series products provide the following advantages and benefits:

Features	Advantages and Potential Benefits
Balanced Formulation	Dependable service for fleet and off-highway equipment lubrication
Anti-wear protection under heavy and shock loads	Excellent protection of lubricated equipment with the potential for extended life and reduced maintenance
Excellent protection against rust and corrosion	Highly reliable equipment protection, even in hostile environments, with less unanticipated downtime
Mid-viscosity base oil	Ability to operate across a wide temperature range while providing good wear protection
Good resistance to rain, mud and other wet conditions	Extended greasing intervals with improved equipment life in adverse conditions

Applications

Ronex AW 220 products are designed for lubrication of fleet and mining equipment:

- Fleet equipment: All steering and suspension components, including HD truck kingpins, spring shackle pins, universal joints and fifth wheels.
- Mining equipment: Lube points for both stationary and mobile equipment. Note Ronex AW 222 Moly, containing 3% molybdenum disulfide, is ideal for oscillating and sliding lube points like bucket and hinge pins.



Typical Properties

	Ronex AW 221	Ronex AW 222	Ronex AW 222 Moly
NLGI Grade	1	2	2
Soap Type	Lithium Complex	Lithium Complex	Lithium Complex
Structure	Smooth; Slight Tack	Smooth; Slight Tack	Smooth; Slight Tack
Color	Green	Green	Gray, 3% Molybdenum Disulfide
Dropping Point, °C (°F)	298 (568)	298 (568)	298 (568)
ISO Viscosity Grade	220	220	220
Viscosity of Oil, ASTM D 445			
cSt at 40°C	220	220	220
cSt at 100°C	18.8	18.8	18.8
Penetration, ASTM D 217			
Worked x 60 strokes	325	280	280
Worked x 100,000 strokes	355	305	305
Water Washout, ASTM D 1264, 79°C (175°F), % wt loss	8.0	2.7	3.4
Water Spray-Off, ASTM 4049, % wt loss	37	25	27
Timken OK Load, ASTM D2509, lb	40	40	50
Four-Ball Wear Test, ASTM D 2266, scar Diameter, mm	0.6	0.6	0.52
Four-Ball EP, ASTM D 2596, Weld Load, kg	315	315	315
Four-Ball EP, Load Wear Index	47	47	55
Corrosion Prevention, ASTM D 1743	Pass	Pass	Pass
Emcor Rust Test, ASTM D 6138	0,0	0,0	0,0
Copper Strip Corrosion, ASTM D 4048	1b	1b	1b
Low Temperature Mobility, 0 °F (-18 °C), ASTM D 1478, grams/min	7.7	4.0	4.0
Oil Separation, ASTM D 1742	6.0	3.3	2.4
Cone Bleed, 100 C, 30 hours, ASTM D 6138, % wt loss	5.3	1.4	1.4

Health and Safety

Based on available toxicological information, this product produces no adverse effects on health when properly handled and used. No special precautions are suggested beyond attention to good personal hygiene, including laundering grease-soaked clothing and washing skin-contact areas with soap and water. A Material Safety Data Bulletin is available by calling 1-800-227-0707, Ext. 3265. For additional technical information or to identify the nearest U.S. Mobil supply source, call 1-800-662-4525.

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