

INFINITY CT 220

Cooling Tower Gear Oil

Extend the life of your cooling tower gear oil



INCREASE GEAR OIL LIFE BY 100%

A primary failure mode of industrial oils is oxidation. Gearboxes and lube systems are running hotter, reservoirs are smaller and fluids today are exposed to extreme thermal stresses. Fluitec has developed a next-generation industrial oil based on a synthetic platform formulated with state-of-the-art additive components. Fluitec's Infinity CT 220 uses technology that allows the additive components to be replenished while the fluid is in-service resulting in dramatically longer service life. The fluid is designed to meet or exceed the requirements of high temperature gearboxes, air compressors and vacuum pumps used in a variety of industries.

PERFORMANCE BENEFITS OF INFINITY CT 220

- Versatile synthetic lubricant that allows for cool, clean performance
- Outstanding oxidative stability for even the most demanding applications
- Enhanced deposit control to prevent sludge and varnish deposits
- Excellent separation from both moisture and air ingress protecting equipment
- High viscosity index providing operational excellence in a wide range of ambient temperatures
- Shear-stable formulation allowing viscosity stability
- Compatible with seals and plastics
- Protects metal surfaces from corrosion
- Superior foam-suppressant technology

FINANCIAL UPSIDE OF INFINITY CT 220

- Long life fluid compared to other premium synthetic lubricants allowing increased productivity
- Low friction coefficient molecules provide energy savings compared to conventional lubes Increases equipment reliability
- Lowers component replacement and associated labor costs
- Wide range of compatibility allowing for easy lube system upgrades
- Balanced additive system using the latest tribological science
- Environmentally-sustainable, low-energy consumption lubricant technology



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TECHNICAL SPECIFICATIONS

ISO VG	220
Relative Density @ 60°F/60°F, ASTM D1298	0.864
Viscosity @ 100°C, cSt, ASTM D445	26.3
Viscosity @ 40°C, cSt, ASTM D445	219
Viscosity Index ASTM D2270	130
Flash Point °C, (COC), ASTM D92	243
Pour Point °C, ASTM D97	-33
Rust Test 4 hrs @ 60°C, DI H2 0, ASTM D665A	Pass
Rust Test 4 hrs @ 60°C, Sea H2 0, ASTM D665B	Pass
Copper Corrosion 3 hrs @ 100°C, ASTM D130	1b
Oxidation by RPVOT @ 150°C, minutes, ASTM D2272	1,149
Four-Ball EP Weld Point kgf, ASTM D2783	200
Four-Ball Wear @ 75°C, 1,200 rpm, 40 kgf, 60 minutes, mm wear, ASTM D4172	0.31
Ash—Sulfated %, ASTM D874	0.06
Acid Number mg KOH/g, ASTM D664	0.25
Emulsion Characteristics @ 54°C, oil-water-emulsion/minutes, ASTM D1401	40-40-0/15
Foaming Characteristics @ 24°C/93.5°C/24°C, 3 sequences, ml of foam/time to break, ASTM D892	0/0;0/0;0/0

