MIL-PRF-17672E
RADCOLUBE® 2075 (SYMBOL OIL 2075-T-H)

RADCOLUBE® 2075
HYDRAULIC FLUID, PETROLEUM, INHIBITED

Premium petroleum-based hydraulic fluid available in ISO Viscosity Grade 32 and formulated with high quality base oils and an additive system; designed for use in hydraulic systems where resistance to oxidation, anti-corrosion properties and long life of the product are essential.

Military Symbol: 2075-T-H

ISO Grade 32/Grade A

Qualification Number: Ser 05S/2016-001

Qualification Date: 8 January 2016

ISO 9001:2015 Certification No: C2021-00038

Shelf Life: 36 Months from DOM

Manufactured: Batavia, IL 60510 | Cage: 6ZS16

NATIONAL STOCK NUMBERS (NSN)	
9150-00-985-7232	5 Gallon Pail
9150-00-985-7233	55 Gallon Drum

330 Gallon Totes Available Upon Request

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CHARACTERISTICS	REQUIREMENT	TYPICAL RESULTS	TEST METHOD
API Gravity	Report	32.6	ASTM D1298
Pour Point, °C (°F) maximum	-29°C (-20°F)	-42°C (-43.6°F)	ASTM D97
Flash Point, °C (°F) minimum	157°C (315°F)	210°C (410°F)	ASTM D92
Viscosity, centistokes (cSt) @ 100 °C (212 °F)	Report	5.42	ASTM D445
Viscosity, centistokes (cSt) @ 40 °C (104 °F)	28.8 - 35.2	31.6	ASTM D445
Viscosity Index, minimum	94	104	ASTM D2270
Acid Number, mg KOH/g, maximum	0.2	0.09	ASTM D664
Corrosion, copper strip at 100 °C (212 °F), maximum	1	1B	ASTM D130
Rust Prevention in the presence of salt water	Pass	Pass	ASTM D665 procedure B
Water, percent maximum	0.01%	0.00%	ASTM D6304
Sulfated Ash, mass percent	Report	<0.001%	ASTM D874
Foam Characteristics after blowing/after 10 minutes:			ASTM D892
Sequence I, milliliter maximum	65 / 0	0 / 0	
Sequence II, milliliter maximum	65 / 0	10 / 0	
Sequence III, milliliter maximum	65 / 0	0 / 0	
Emulsion Test after 30 minutes settling time:			ASTM D1401
Layer/Water Layer/Emulsion Layer, max	41 / Report / 3	39/40/1	
Oxidation Test after 1000 hours:			ASTM D943
Acid Number, mg KOH/g, maximum	2.0	0.23	ASTM D664
Total Sludge, mg maximum	100	14	ASTM D4310
Total Iron, mg maximum	100	6.5	ASTM D4310
Total Copper, mg maximum	100	0.6	ASTM D4310
Oxidation Stability by Rotating Bomb	Report	881	ASTM D2272
Solid Particle Contamination mg/100 milliliter maximum	2.5	1.0	ASTM D4898
ASTM Color	Report	1.0	ASTM D1500
Sulfur	Report	22.7	ASTM D2622
Conradson Carbon Residue	Report	<0.001%	ASTM D4530
Homogeneity, sedimentation or separation	None	Pass	See ¶4.4.5