



MIL-PRF-17672F

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
Ser 05S/2021-289**

**Qualification Date: 8 January 2016
13 August 2021**

ISO 9001:2015 Certification No: C2024-00254

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



CERTIFICATE OF TEST RESULTS FOR RADCOLUBE® 2075
MIL-PRF-17672F HYDRAULIC FLUID, PETROLEUM, INHIBITED
ISO VISCOSITY GRADE 32, GRADE CODE A

<u>CHARACTERISTICS</u>	<u>REQUIREMENT</u>	<u>Results</u>	<u>TEST METHOD</u>
API Gravity	Report	34.6	D1298
Pour Point, °C (°F) maximum	-29°C (-20°F)	-45°C (-49°F)	D97
Flash Point, °C (°F) minimum	157°C (315°F)	220°C (428°F)	D92
Viscosity, centistokes (cSt) at 100°C (212°F) at 40°C (104°F)	Report 28.8 — 35.2	5.3 29.0	ASTM D445 ASTM D445
Viscosity Index, minimum	94	115	D2270
Acid Number, mg-KOH/g, maximum	0.2	0.06	D664
Corrosion, copper strip at 100°C (212°F), maximum	1	1b	D130
Rust Prevention (in the presence of salt water)	Pass	Pass	D665 procedure B
Water, percent maximum	0.01%	0.002%	D6304
Sulfated Ash, mass percent	Report	0.004%	D874
Foam Characteristics, after blowing/after 10 minutes: Sequence I, mL maximum Sequence II, mL maximum Sequence III, mL maximum	65 / 0 65 / 0 65 / 0	0 / 0 10 / 0 0 / 0	D892
Emulsion Test, after 30 minutes settling time: Oil Layer/Water Layer/Emulsion Layer, mL maximum	41 / Report / 3	41 / 39 / 0	D1401
Oxidation Test, after 1000 hours: Acid Number, mg KOH/g, maximum Total Sludge, mg, maximum Total Iron, mg, maximum Total Copper, mg, maximum	2.0 100 100 100	0.07 12.6 0.4 0.4	D974, D664 D4310 D4310 D4310
Oxidation Stability by Rotating Bomb, minutes	Report	1818	D2272
Solid Particle Contamination, mg/100mL maximum	2.5	0.8	D4898
ASTM Color	Report	L0.5	D1500
Sulfur, ppm	Report	3	D2622
Conradson Carbon Residue	Report	0.01%	D4530
Compatibility	MIL-PRF-17672F Section 3.3	Pass	MIL-PRF-17672F Section 4.4.2
Homogeneity, sedimentation or separation	MIL-PRF-17672F Section 3.4	Pass	MIL-PRF-17672F Section 4.4.3
Appearance	MIL-PRF-17672F Section 3.5	Pass	MIL-PRF-17672F Section 4.4.4