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

CHARACTERISTICS	REQUIREMENT	Results	TEST METHOD
API Gravity	Report	34.6	ASTM D1298
Pour Point, °C (°F) maximum	-29°C (-20°F)	-45°C (-49°F)	ASTM D97
Flash Point, °C (°F) minimum	157°C (315°F)	220°C (428°F)	ASTM D92
Viscosity, centistokes (cSt)			
at 100°C (212°F)	Report	5.3	ASTM D445
at 40°C (104°F)	28.8 — 35.2	29.0	ASTM D445
Viscosity Index, minimum	94	115	ASTM D2270
Acid Number, mg·KOH/g, maximum	0.2	0.06	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%	0.002%	ASTM D6304
Sulfated Ash, mass percent	Report	0.004%	ASTM D874
Foam Characteristics, after blowing/after 10 minutes:			ASTM D892
Sequence I, mL maximum	65 / 0	0 / 0	
Sequence II, mL maximum	65 / 0	10 / 0	
Sequence III, mL maximum	65 / 0	0 / 0	
Emulsion Test, after 30 minutes settling time:			ASTM D1401
Oil Layer/Water Layer/Emulsion Layer, mL maximum	41 / Report / 3	41 / 39 / 0	
Oxidation Test, after 1000 hours:			
Acid Number, mg KOH/g, maximum	2.0	0.07	ASTM D664
Total Sludge, mg, maximum	100	12.6	ASTM D4310
Total Iron, mg, maximum	100	0.4	ASTM D4310
Total Copper, mg, maximum	100	0.4	ASTM D4310
Oxidation Stability by Rotating Bomb, minutes	Report	1818	ASTM D2272
Solid Particle Contamination, mg/100mL maximum	2.5	0.8	ASTM D4898
ASTM Color	Report	L0.5	ASTM D1500
Sulfur, ppm	Report	3	ASTM D2622
Conradson Carbon Residue	Report	0.01%	ASTM 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

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PRODUCT CODE: 2075 (16008-A)
REVISION DATE: 2025-08-08