



**TECHNICAL DATA SHEET FOR RADCOLUBE® AAG
A-A-59290 HYDRAULIC FLUID, ARRESTING GEAR**

Finished Fluid Properties	Requirement	Results	Test Method
Phosphate content (calculated as phosphoric acid), percent, minimum	0.56%	0.60%	Paragraph 3.3.1
pH value of a 50 percent aqueous solution (by volume) at 25° ± 3°C (77° ± 5°F)	7.2 to 7.8	7.4	ASTM D1287
Boiling point, minimum	165°C	168°C	ASTM D1120
Ash content, percent by weight, maximum	0.52%	0.45%	ASTM D1119
Specific gravity of undiluted material at 15.5°C/15.5°C (60°F/60°F)	1.111 to 1.123	1.123	ASTM D1122
Viscosity at 37.7°C (100°F), centistokes, minimum	9.0	9.2	ASTM D445

NaMBT Properties	Requirement	Results	Test Method
Color	Not darker than 15	Pass	ASTM D1544
Specific gravity at 25°C/25°C (77°F/77°F)	1.27 ± 0.03	1.28	ASTM D1122
Suspended matter	None	Pass	Visual
Solubility at 25°C ± 5°C (77° ± 8°F) in:			Visual
Water after 24 hours	Soluble; slight haze, maximum	Pass	
Ethylene glycol after 24 hours	Soluble; no haze or cloudiness	Pass	
Water and ethylene glycol after 16 hours	Soluble; slight opalescence, maximum	Pass	
Free alkalinity at 25° ± 3°C (77° ± 5°F), grams of NaOH per 100 mL of sample	0.05 to 0.75	0.10	ASTM D1121