



TECHNICAL DATA SHEET FOR RADCOLUBE® NLT
HYDRAULIC FLUID, PETROLEUM BASED, LOW TEMPERATURE, AIRCRAFT AND MISSILE

Characteristics	Typical Results	Test Method
Kinematic viscosity, centistokes (cSt)		ASTM D445
at 100°C	1.8	
at 40°C	4.4	
at -40°C	100	
at -54°C	380	
Pour point, °C	-68°C	ASTM D97
Moisture, ppm	40	ASTM D6304
Flash point, °C	115°C	ASTM D92
Steel on steel wear, mm	0.45	ASTM D4172
Copper corrosion	1b	ASTM D130
API Gravity	30.8	ASTM D287
Specific Gravity at 15.6°C/15.6°C	0.874	ASTM D1298
Density at 15.6°C, pounds/gallon	7.3	ASTM D1298
Total Acid Number, mg·KOH/g	0.10	ASTM D664
Particulate contamination		FTM 3012
5-10 µm	1,650	
11-25 µm	150	
26-50 µm	25	
51-100 µm	0	
>100 µm	0	

* Data represents typical laboratory samples and are not guaranteed for all samples