



TECHNICAL DATA SHEET FOR RADCOLUBE® 6086L
MIL-PRF-6086F GRADE L, LUBRICATING OIL, GEAR, PETROLEUM BASE

CHARACTERISTIC	REQUIREMENT	RESULT	TEST METHOD
Viscosity, mm ² /s at 37.8°C	23 – 34	26	ASTM D445
Viscosity Index, (minimum)	80	110	ASTM D2270
Flash point, °C (minimum)	137.8	155	ASTM D92
Pour point, °C (maximum)	-40	-43	ASTM D97
Load wear index, kg (minimum)	40	60	ASTM D2783
Precipitation number, mL (maximum)	0.1	0.001	ASTM D91
Acid number, mg KOH/g (maximum)	1.0	0.6	ASTM D974
ASTM Color, (maximum)	8	1	ASTM D1500
Foam characteristics (tendency, stability), mL (maximum)			ASTM D892
Sequence I	10/0	0/0	
Sequence II	20/0	20/0	
Sequence III	10/0	0/0	
Copper corrosion (3 hours at 100°C) (maximum)	2	1b	ASTM D130