

SENT 6081-10

MINERAL BASED TURBINE ENGINE OIL

MILITARY SPECIFICATION: MIL-PRF-6081E

DESCRIPTION:

SENT 6081-10 is a mineral oil based lubricant formulated with modern additives to provide oxidation and corrosion protection as well as low temperature fluidity.

APPLICATION:

SENT 6081-10 is recommended for lubrication of gas turbine engine components and as a flushing and preservative fluid for engine fuel systems. Its low temperature fluidity ensures effective operation in a wide range of operating temperatures in high speed turbines as well as gas turbine engines.

PACKAGING:

SENT 6081-10 is available in 1 quart and 1 gallon tins, 5 gallon pails and 55 gallon drums. Other package sizes may be available on special request.

SPECIFICATIONS:

SENT 6081-10 meets all requirements of and is qualified to Military Specifications MIL-PRF-6081E.



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PROPERTIES:

	Specifications	Typical
Flash Point, °F (COC)	270 min.	290
Pour Point, °F	-70 max.	-70
Viscosity @ 37.8°C, (cSt)	10 min.	10.26 cSt
Viscosity @ -40°C (cSt)	3000 max.	2808 cSt
Viscosity Stability, % (3 hours/-40°F)	2.0 max.	0.20
Total Acid Number, meq KOH	0.1 max.	0.02
Trace Sediment, ml/200 cc	0.005 max	0.001
Gravity API	Report	28.2
Copper Corrosion @ 100°C, 3 hours	1 max.	1b
Colour (ASTM)	5.5 max.	1.5

