



EcoFLO – OCTAFLO EF COMPARISON AMS 1424 TYPE I DEICING FLUIDS

	OCTAFLO EF	EcoFLO
<i>CONCENTRATE FLUID</i>		
Composition	88% PG	PG:Non Glycol Mixture
Appearance	Clear orange	Clear Orange
Refractive Index	1.4237 - 1.4267	1.4375 - 1.4405
pH	7.8 - 8.7	7.2 - 8.2
Surface Tension	32 - 42	37 - 47
Viscosity at 20°C	30 cP	68 cP
Viscosity at 0°C	140 cP	215 cP
Freezing Point	Below -65°F	-15°F (-26°C)
LOUT	-27°F (-33°C) at 65:35	-23°F (-30.5°C) at 65:35
BOD ₅ at 20°C	0.60 kg O ₂ /kg of Fluid	0.39 kg O ₂ /kg of Fluid
COD	1.59 kg O ₂ /kg of Fluid	1.20 kg O ₂ /kg of Fluid
Aquatic Toxicity:		
Fathead Minnow	10,800 mg/L	16,875 mg/L
Daphnia magna	14,000 mg/L	18,500 mg/L
<i>50:50 DILUTION</i>		
Refractive Index	1.3825 - 1.3855	1.3877 - 1.3907
Viscosity at 20°C	6 cP	7 cP
Viscosity at 0°C	15 cP	15 cP
Freezing Point	-19°F (-28°C)	-15°F (-26°C)
Aquatic Toxicity:		
Fathead Minnow	21,600 mg/L	33,750 mg/L
Daphnia magna	28,000 mg/L	37,000 mg/L