



MMET LABORATORY

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LABORATORY REPORT

Report Number: M13748	Report Date: 11/10/2009
Lab Number: 91383	
Customer: Additive Technologies, LLC 1515 West 2200 South, Suite C. Salt Lake City, UT 84119	Project Manager: Jennifer S. Geib
Phone: 303-300-6525	Project Name: BNSF Cleaner Evaluation
Fax: 801-340-0217	Sample Matrix: Concentrated Cleaner
Cell:	Sampled By: Jennifer S. Geib
Email: jennifer@additivetech.com	Sample ID: Lococlean 300
	Date Sampled: 8/27/2009
	Date Received: 8/31/2009 1356

Analysis Requested: BNSF product evaluation for cleaners. Testing conducted according to BNSF policy.

Parameter	Conc.	Conc.	Conc.	Units	Analysis Date	Analyst
Appearance	As Received	8%	4%			
	Clear Liquid	NA	NA		8/31/2009	GCL
	Pale Yellow					GCL
Odor	Slight Caustic Odor	NA	NA		8/31/2009	GCL
Specific Gravity	1.082	NA	NA	H ₂ O=1	8/31/2009	GCL
Ignitability (PMCC)	> 205	NA	NA	°F	8/31/2009	GCL
pH	13	12	11	SU	11/10/2009	WAM
COD	415,000	33,600	16,100	mg/L	11/10/2009	WAM
Solubility in Diesel Fuel, Does Emulsion Break and Separate in 5 minutes?	NA	Yes	Yes		9/3/2009	GCL
Effect on Urethane Paint at 77°F for 24 hours	None	None	None		9/3/2009	GCL
Product Stability, No Separation or Precipitation						
As Received	Stable				8/31/2009	GCL
at 6 Months	Pending					
at 1 Year	Pending					

Cc BNSF Technical R & D
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Report Approved by: 
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