

FOAM SAMPLE TEST RESULTS

REPORT FOR: XYZ Company
 Captain John Smith
 1234 1st Avenue
 Any Town, MN 55125-1122

RE: Foam Sample Test Results - SAMPLE REPORT

For Service Call:
 (866) 713-2299

Job Number: 2883
Number of Samples: 2
Date Received: 05/01/2006
Report Date: 05/11/2009
Page: Page 1 of 2

Sample Information	Test Results				
	Test	Test Method	Specification	Test Result	Pass/Fail
Sample Number: 1	<u>Physical Properties</u>				
Manufacturer: Not Specified	Appearance	LBTR-3001	Amber liquid; Yellow liquid; Clear liquid	Amber liquid	In Spec
Product: 3% Mil Spec AFFF	Refractive Index	LBTR-3006	1.3630 Minimum	1.3671	In Spec
Lot Number: 511	Density Hydrometer, g/ml	LBTR-3004	1.014-1.094	1.044	In Spec
Tank Type: Bladder Tank	pH	LBTR-3003	7.0-8.5	7.5	In Spec
Date Purchased: 07/12/1999	<u>Performance Properties</u>				
Type: 3% AFFF	Expansion, cc/g	NFPA 11	5.0 Minimum	6.9	Pass
Tank Number: Tank 2	25% Drain Time, min:sec	NFPA 11	2:30 Minimum	4:52	Pass
Sampling Point: Bottom	Film Formation, sec.	LBTR-3020	60 Maximum	11	Pass
	Film Sealability	LBTR-3020	Flash or No Ignition	No Ignition	Pass
	Overall Result		Pass	Pass	Pass

Overall Result: Pass

Comments: This sample, tested as 3% aqueous film-forming foam (AFFF) concentrate for use at 3% on non-polar solvents only, passed the performance specifications and should perform as designed.



Dyne Technologies does not guarantee that the sample tested is representative of the tank contents or that the system will operate properly. The conclusions are based on laboratory-scale test results and do not guarantee field performance.



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Sample Information	Test Results				
	Test	Test Method	Specification	Test Result	Pass/Fail
Sample Number: 2	<u>Physical Properties</u>				
Manufacturer: 3M	Appearance	LBTR-3001	Viscous amber cloudy liquid	Viscous amber cloudy liquid	In Spec
Product: Light Water™ FC-600F	Refractive Index	LBTR-3006	1.3490 Minimum	1.3522	In Spec
Lot Number: Lot NBR	Density Weight per Gallon, g/ml	LBTR-3002	1.015-1.041	1.027	In Spec
Tank Type: Bladder Tank	Brookfield Viscosity, cps	LBTR-3005	1300-2500 (Spindle 3, 30 RPM)	1720	In Spec
Date Purchased: 01/01/2005	pH	LBTR-3003	7.5-8.5	7.5	In Spec
Type: 3/6% AR-AFFF	<u>Performance Properties</u>				
Tank Number: Tank 1	Expansion, cc/g	NFPA 11	6.0 Minimum	7.4	Pass
Sampling Point: Middle	25% Drain Time, min:sec	NFPA 11	6:00 Minimum	7:14	Pass
	Film Formation, sec.	LBTR-3020	60 Maximum	10	Pass
	Film Sealability	LBTR-3020	Flash or No Ignition	No Ignition	Pass
	Overall Result		Pass	Pass	Pass

Overall Result: Pass

Comments: This sample, tested as 3/6% alcohol resistant, aqueous film-forming foam (AR-AFFF) concentrate for use at 3% on non-polar solvents and 6% on polar solvents, passed the performance specifications and should perform as designed.



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