

TEST CONDITIONS & RESULTS

Test Date:	8/10/2007
Unit Tested	L001000532 B020000103
Scope of Test	Kodiak Hot Test to failure at 40C constant with maximum and minimum payloads
Test Profile	Hot profile 40C constant
Payload Max	14.5 liters (29 500ml bottles) of water (31.92 lbs 14.5 kg)
Payload Min	2.73 liter bag of water (6 lb 2.8 kg)
Payload Preconditioning	4C
Container Preconditioning	
Lid	-20C Freezer
TRU	N/A
Base	Room Temp
Test Chamber	Thermotron S-16
Logging Device	NI Logger and Software
Sensor Placement	Multiple sensors used. Primary sensors for publishing were on payload and in ambient environment.
Results Minimum	The payload temperature remained below 8C for 16.75 hours from the time the temperature controller was set to 40C. The temperature continued to increase slowly and reached 8.772 when the test was stopped 4.69 hours after breaking 8C.
Results Maximum	The payload temperature remained below 8C for 32.9 hours from the time the temperature controller was set to 40C. The temperature continued to increase slowly and reached 8.54C 6.61 hours after breaking 8C.

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Kodiak Thermal Technologies, Inc. — Test Results

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ATA R36 40 °C Test to Failure Profile Qualification Results



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ATA 36R HOT PROFILE 40C CONSTANT MIN AND MAX TESTS

