

CHRYSLER



Company: Chrysler Corporation
 Test: M99 Heat Reduction Test

Model: Caseline Gearbox
 Test Duration: January 15, 2014 to May 23, 2014

1/15/14: Before AmberTech M99		
Measurements	Temperature (°F)	
Sp1	120.3 °F	
Sp2	121.1 °F	
Sp3	122.4 °F	
Sp4	116.4 °F	
Sp5	110.1 °F	
Parameters		
Emissivity	0.95	
Refl. Temp.	68 °F	
1/16/14: 1 Day After AmberTech M99		
Measurements	Temperature (°F)	
Sp1	99.5 °F	
Sp2	102.2 °F	
Sp3	107.5 °F	
Sp4	96.4 °F	
Sp5	94.3 °F	
Parameters		
Emissivity	0.95	
Refl. Temp.	68 °F	
5/23/14: 4 Months After AmberTech M99		
Measurements	Temperature (°F)	
Sp1	97.5 °F	
Sp2	98.8 °F	
Sp3	106.2 °F	
Sp4	94.0 °F	
Sp5	91.7 °F	
Parameters		
Emissivity	0.95	
Refl. Temp.	68 °F	

Date of Heat Reduction Measurement	Sp1	Sp2	Sp3	Sp4	Sp5
1/16/14: Heat Reductions After 1 st Day	20.8 °F	18.9 °F	8.9 °F	20 °F	15.8 °F
5/23/14: Heat Reductions After 4 Months	22.8 °F	22.3 °F	16.2 °F	22.4 °F	18.4 °F