

Data Coverage : 01 May 2016 to 31 May 2018

Test Performed	Qty tested	Qty Passed	Qty Failed	% Fail
Heater Cooler Test	9446	9409	37	0.392

Date	Model	Serial Number	FAIL Mode	Debug Findings	Debug Category	Results
12-May-16	186269506	E16SM4565A	Heater cooler test	Sample Temp H/W (4)	Component faulty	FAIL
8-Jun-16	186269506	F16SM4785A	Heater cooler test	Sample Temp H/W (4)	Component faulty	FAIL
20-Jun-16	186269506	F16SM4844A	Heater cooler test	Cannot power on (intermittent)	Component faulty	FAIL
27-Jun-16	186269506	F16SM4018A	Heater cooler test	Temperature cannot drop to 4°	Component faulty	FAIL
7-Oct-16	186269506	K16SM4919A	Heater cooler test	Solv delivery H/W fault	Component faulty	FAIL
8-Oct-16	186269506	K16SM4952A	Heater cooler test	Solv delivery H/W fault	Component faulty	FAIL
7-Oct-16	186269506	K16SM4955A	Heater cooler test	Solv delivery H/W fault	Component faulty	FAIL
20-Oct-16	186269506	K16SM4032A	Heater cooler test	J1 & J2 cable reverse	Component faulty	FAIL
5-Dec-16	186269506	M16SM4417A	Heater cooler test	Sample Temp H/W fault (5)	Component faulty	FAIL
5-Dec-16	186269506	M16SM4417A	Heater cooler test	Sample Temp H/W fault (5)	Component faulty	FAIL
6-Dec-16	186269506	M16SM4414A	Heater cooler test	Sample Temp H/W (3)	Component faulty	FAIL
13-Dec-16	186269506	M16SM4468A	Heater cooler test	Sample Temp H/W (3)	Component faulty	FAIL
19-Jun-17	186269506	F17SM4208A	Heater cooler test	Sample temp H/W fault (5)	Component faulty	FAIL
29-Aug-17	186269506	H17SM4871A	Heater cooler test	Unable to detect temperature	Component faulty	FAIL
19-Oct-17	186269506	K17SM4261A	Heater cooler test	Unable to detect heater cooler	Component faulty	FAIL
21-Dec-17	186269506	M17SM4908A	Heater cooler test	Sample temperature H/W fault	Component faulty	FAIL
6-Jan-18	186269506	A18SM4148A	Heater cooler test	Sample Temp H/W (4)	Component faulty	FAIL
5-Feb-18	186269506	B18SM4408A	Heater cooler test	Sample temperature H/W fault (3)	Component faulty	FAIL
8-Feb-18	186269506	B18SM4415A	Heater cooler test	Unable to detect heater cooler	Component faulty	FAIL
12-Feb-18	186269506	B18SM4442A	Heater cooler test	Unable to detect heater cooler	Component faulty	FAIL
14-Feb-18	186269506	B18SM4482A	Heater cooler test	Sample temp H/W fault (5)	Component faulty	FAIL
22-Feb-18	186269506	B18SM4551A	Heater cooler test	Sample temp H/W fault (5)	Component faulty	FAIL
24-Feb-18	186269506	B18SM4514A	Heater cooler test	Sample temperature H/W fault (3)	Component faulty	FAIL

Date	Model	Serial Number	FAIL Mode	Debug Findings	Debug Category	Results
27-Feb-18	186269506	B18SM4552A	Heater cooler test	Sample temp H/W fault (2)	Component faulty	FAIL
27-Feb-18	186269506	B18SM4566A	Heater cooler test	Sample temp H/W fault (2)	Component faulty	FAIL
27-Feb-18	186269506	B18SM4591A	Heater cooler test	Unable to detect heater cooler	Component faulty	FAIL
10-Mar-18	186269506	C18SM4712A	Heater cooler test	Sample Temp H/W (2)	Component faulty	FAIL
28-Mar-18	186269506	C18SM4774A	Heater cooler test	Sample Temp H/W (4)	Component faulty	FAIL
28-Mar-18	186269506	C18SM4785A	Heater cooler test	Sample Temp H/W (2)	Component faulty	FAIL
28-Mar-18	186269506	C18SM4788A	Heater cooler test	Sample Temp H/W (4)	Component faulty	FAIL
2-Apr-18	186269506	C18SM4852A	Heater cooler test	Sample Temp H/W (4)	Component faulty	FAIL
4-Apr-18	186269506	C18SM4902A	Heater cooler test	Sample Temp H/W (2)	Component faulty	FAIL
4-Apr-18	186269506	C18SM4913A	Heater cooler test	Sample Temp H/W (2)	Component faulty	FAIL
3-Apr-18	186269506	C18SM4943A	Heater cooler test	Sample Temp H/W (1)	Component faulty	FAIL
4-Apr-18	186269506	C18SM4944A	Heater cooler test	Unable to detect heater cooler	Component faulty	FAIL
3-Apr-18	186269506	C18SM4946A	Heater cooler test	Sample Temp H/W (2)	Component faulty	FAIL
9-Apr-18	186269506	C18SM4897A	Heater cooler test	Unable to detect heater cooler	Component faulty	FAIL