

Water Cooled Scroll Chiller & Plate Heat Exchanger

Activity		Type Of Service				
		A	B	C	D	E
Last Issue Date: 27/08/2015						
1	Check compressor oil level, adjust if required.		Y	Y	Y	
2	Check operation of sump heater.		Y	Y	Y	
3	Check all safety devices and controls.		Y	Y	Y	
4	Check operation of flow switches.		Y	Y	Y	
5	Check temperature controls.		Y	Y	Y	
6	Check and record return and flow water temperatures.		Y	Y	Y	
7	Check and record head, suction and oil pressures.		Y	Y	Y	
8	Check and record condenser/chilled water pressures.		Y	Y	Y	
9	Check refrigerant charge and circuit, especially for leaks.		Y	Y	Y	
10	Check lead/lag sequence and change if applicable.		Y	Y	Y	
11	Check condition and operation of all indicator lamps.		Y	Y	Y	
12	Check recycle timers.			Y	Y	
13	Change oil filters and driers.				Y	
14	Check and clean water strainers.				Y	
15	MOTOR Check condition and operation of motor including:- - record motor current draw at full operating load and compare with rated output. - starter contacts. - overloads. - electrical connections for security, tightness, contact and corrosion				Y	
16	Test and analyse refrigerant oil for evidence of contamination and/or deterioration and provide written report. *(label sample with name of installation, plant identification & date)			Y	Y	
17	CONDENSE Check condition of condenser plates. Clean condenser plates. Check sacrificial anode, (if fitted). * Provide written report on findings and condition.				Y	
18	Where fitted check externally accessible sacrificial anode.			Y	Y	
19	Where fitted check internally accessible sacrificial anode.				Y	
20	Record all readings and results in log book.		Y	Y	Y	

Disclaimer - This TDS is intended to provide guidance only to support Preventative Maintenance servicing activities. All TDS users are encouraged to read and understand the full [Conditions of Use](#) provided on the final page of this document and on the DPTI website.

For more information please contact the applicable Facilities Management Service Provider.



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Department of Planning,
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Special Comments and Technical Data

B SERVICE MONTHLY

C SERVICE 3 MONTHLY

D SERVICE ANNUAL

TEST OIL FOR CONTAMINATION AND DETERIORATION.

NB: IF THE CONDENSER WATER SYSTEM IS ISOLATED OVER 48 HOURS,
IT MUST BE DRAINED AND CLEANED.

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