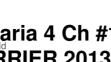


OIL ANALYSIS REPORT

Sample Rating Trend



Chiller

Bellaria 4 Ch #1 [009338] **CARRIER 2013Q22601(1)** Component





NORMAL

ICI EMKARATE RL 68H (--- GAL)

DIAGNOSIS SAMPLE INFORMATION method GTT0002118 Sample Number **Client Info** Recommendation Resample at the next service interval to monitor. 03 Jan 2024 Sample Date Client Info 0 Wear Machine Age hrs **Client Info** All component wear rates are normal. Oil Age hrs Client Info 0 Oil Changed **Client Info** N/A Contamination NORMAL Sample Status The water content is negligible. There is no indication of any contamination in the oil. WEAR METALS Fluid Condition ASTM D5185(m) Iron ppm >8 <1 The AN level is acceptable for this fluid. The Chromium ASTM D5185(m) >2 0 ppm condition of the oil is suitable for further service. Nickel ppm ASTM D5185(m) <1 Titanium ASTM D5185(m) 0 ppm Silver ppm ASTM D5185(m) >2 0 Aluminum ASTM D5185(m) >3 <1 ppm Lead ASTM D5185(m) >2 2 ppm Copper ASTM D5185(m) >8 <1 ppm Tin ppm ASTM D5185(m) >4 2 Antimony ASTM D5185(m) 0 ppm Vanadium ppm ASTM D5185(m) 0 Beryllium ASTM D5185(m) 0 ppm Cadmium ASTM D5185(m) 0 ppm 0 2 Boron ASTM D5185(m) ppm 0 Barium ppm ASTM D5185(m) O Molybdenum ASTM D5185(m) 0 0 ppm 0 Manganese ppm ASTM D5185(m) Magnesium ppm ASTM D5185(m) O <1 Calcium ASTM D5185(m) O 0 ppm 1900 Phosphorus 1837 ppm ASTM D5185(m) Zinc ppm ASTM D5185(m) O 4 25 15 Sulfur ppm ASTM D5185(m) Lithium ASTM D5185(m) <1 ppm CONTAMINANTS Silicon ASTM D5185(m) >15 21 ppm Sodium ASTM D5185(m) ppm <1 Potassium ppm ASTM D5185(m) >20 2 ppm Water ppm ASTM D6304* >200 4 FLUID DEGRADATION Acid Number (AN) mg KOH/g ASTM D974* 0.02 0.04



OIL ANALYSIS REPORT

VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE		
Yellow Metal	scalar	Visual*	NONE	NONE		
Precipitate	scalar	Visual*	NONE	NONE		
Silt	scalar	Visual*	NONE	NONE		
Debris	scalar	Visual*	NONE	NONE		
Sand/Dirt	scalar	Visual*	NONE	NONE		
Appearance	scalar	Visual*	NORML	NORML		
Odor	scalar	Visual*	NORML	NORML		
FLUID PROPERT	IES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	72.3	53.0		
SAMPLE IMAGES	;	method	limit/base	current	history1	history2
Color					no image	no image
Bottom					no image	no image
GRAPHS						



Sample No. : GTT0002118 Received : 08 Mar 2024 172-18958 Clements Rd Lab Number : 02621019 Tested : 11 Mar 2024 Pickering, ON Unique Number : 5746138 Diagnosed : 11 Mar 2024 - Bill Quesnel CA L1W 3V5 Test Package : IND 2 (Additional Tests: KV40) Contact: Service Manager To discuss this sample report, contact Customer Service at 1-905-847-9300 Ext 26. emorrison@contrastheatingandair.ca Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab. T: (416)223-8552 Damages: Seller shall in no event be liable for special, incidental, or consequential damages, of a commercial nature, resulting from any cause.

Contact/Location: Service Manager - GTT0000510

Contrast Heating & Air Conditioning

F: