

OIL ANALYSIS REPORT

Sample Rating Trend





Area Enbridge 20 Bloomfield [GTT224-444 9677] TRANE U08J01680(1) Chiller



REFRIG COMP OIL ISO 68 (--- GAL)

DIAGNOSIS	SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Recommendation	Sample Number		Client Info		GTT0002868		
f not recently done change any filter driers to	Sample Date		Client Info		30 May 2024		
reduce moisture level. We recommend an early	Machine Age	hrs	Client Info		0		
esample to monitor this condition. Please specify	Oil Age	hrs	Client Info		0		
ne brand, type, and viscosity of the oil on your next ample.	Oil Changed		Client Info		N/A		
·	Sample Status				ATTENTION		
Vear Il component wear rates are normal.	WEAR METALS		method	limit/base	current	history1	history2
Contamination	Iron	ppm	ASTM D5185(m)	>8	2		
here is a trace of moisture present in the oil.	Chromium	ppm	ASTM D5185(m)	>2	0		
Fluid Condition The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.	Nickel	ppm	ASTM D5185(m)		0		
	Titanium	ppm	ASTM D5185(m)		0		
	Silver	ppm	ASTM D5185(m)	>2	0		
	Aluminum	ppm	ASTM D5185(m)		0		
	Lead	ppm	ASTM D5185(m)		0		
	Copper	ppm	ASTM D5185(m)		4		
	Tin	ppm	ASTM D5185(m)		0		
	Antimony	ppm	ASTM D5185(m)		0		
	Vanadium	ppm	ASTM D5185(m)		0		
	Beryllium	ppm	ASTM D5185(m)		0		
	Cadmium	ppm	ASTM D5185(m)		0		
	ADDITIVES		method	limit/base	current	history1	history2
	Boron	ppm	ASTM D5185(m)	5	1		
	Barium	ppm	ASTM D5185(m)		0		
	Molybdenum	ppm	ASTM D5185(m)	5	0		
	Manganese	ppm	ASTM D5185(m)		0		
	Magnesium	ppm	ASTM D5185(m)	5	0		
	Calcium	ppm	ASTM D5185(m)	12	0		
	Phosphorus	ppm	ASTM D5185(m)	12	6		
	Zinc	ppm	ASTM D5185(m)	12	6		
	Sulfur	ppm	ASTM D5185(m)	1000	66		
	Lithium	ppm	ASTM D5185(m)		<1		
	CONTAMINANTS	5	method	limit/base	current	history1	history2
	Silicon	ppm	ASTM D5185(m)	>15	8		
	Sodium	ppm	ASTM D5185(m)		<1		
	Potassium	ppm	ASTM D5185(m)	>20	<1		
	ppm Water	ppm	ASTM D6304*		595		
	FLUID DEGRAD	ATION	method	limit/base	current	history1	history2
	Acid Number (AN)	mg KOH/g	ASTM D974*	0.10	0.05		



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)	68	66.2		
SAMPLE IMAGES	\$	method	limit/base	current	history1	history2
Color					no image	no image
Bottom					no image	no image



Lab Number : 02640960 Tested : 14 Jun 2024 Unique Number : 5798499 Diagnosed : 14 Jun 2024 - Bill Quesnel 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. Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab. Damages: Seller shall in no event be liable for special, incidental, or consequential damages, of a commercial nature, resulting from any cause.

: 10 Jun 2024

Received

Ainsworth Technical 759 Evett Street Sarnia, ON CA N7S 3N5

T:

F:

Sample No. : GTT0002868

Contact/Location: Service Manager - GTT0000359 Page 2 of 2