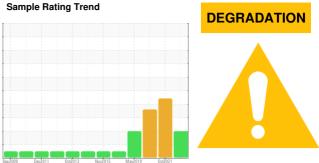


OIL ANALYSIS REPORT



Componer

YORK TYPE C (--- GAL)



DIAGNOSIS

Recommendation

The acid number (AN) and dark color indicates that your fluid has reached the end of its useful life, please proceed with a complete oil change. We recommend an early resample to monitor this condition.

Wear

Copper ppm levels are abnormal. The high metal levels indicate corrosion in the system. The elevated copper reading suggests the effects of oil migration through the evaporator (oil loss from the compressor) possibly occurring during intervals of operation at low cooling load conditions.

Contamination

The water content is negligible. There is no indication of any contamination in the oil.

▲ Fluid Condition

The AN level is above the recommended limit. The oil is no longer serviceable.

-)		Sep 2009	Dec2011 Oct2013	Nov2015 May2019 C	ct2021	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		GTT0002257	GTT82189	GTT82190
Sample Date		Client Info		20 Mar 2024	14 Oct 2021	10 Dec 2020
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				ABNORMAL	ABNORMAL	ABNORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>8	6	<u>^</u> 6	<u>4</u>
Chromium	ppm	ASTM D5185(m)	>2	0	<1	<1
Nickel	ppm	ASTM D5185(m)		0		
Titanium	ppm	ASTM D5185(m)		0		
Silver	ppm	ASTM D5185(m)	>2	0		
Aluminum	ppm	ASTM D5185(m)	>3	0	<1	<1
Lead	ppm	ASTM D5185(m)	>2	0	<1	<1
Copper	ppm	ASTM D5185(m)	>8	<u></u> 10	△ 35	6
Tin	ppm	ASTM D5185(m)	>4	0	<1	<1
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)	0	<1		
Barium	ppm	ASTM D5185(m)	0	0		
Molybdenum	ppm	ASTM D5185(m)	0	0		
Manganese	ppm	ASTM D5185(m)	0	0		
Magnesium	ppm	ASTM D5185(m)	0	0		
Calcium	ppm	ASTM D5185(m)	0	0		
Phosphorus	ppm	ASTM D5185(m)	0	2		
Zinc	ppm	ASTM D5185(m)	0	1	1	1
Sulfur	ppm	ASTM D5185(m)	200	198		
Lithium	ppm	ASTM D5185(m)		<1		
CONTAMINANTS	}	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>15	1		
Sodium	ppm	ASTM D5185(m)		0		
Potassium	ppm	ASTM D5185(m)	>20	<1		
ppm Water	ppm	ASTM D6304*	>50	40	▲ 100	55
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2



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 PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	63.8	34.5		
SAMPLE IMAGES		method	limit/base	current	history1	history2
Color					no image	no image
Bottom				(Constant	no image	no image
GRAPHS						



Johnson Controls-Van Received Accounts Payable A-33C, P.O. Box 2012 Sample No. : GTT0002257 : 01 Apr 2024

Unique Number : 5759060 Diagnosed : 04 Apr 2024 - Bill Quesnel Test Package: IND 2 (Additional Tests: KV40) Contact: Service Manager

: 04 Apr 2024

To discuss this sample report, contact Customer Service at 1-905-847-9300 Ext 26.

Tested

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.

US 532012012

Milwaukee, WI

F:

Lab Number : 02625928

T: