

OIL ANALYSIS REPORT

Area CAST HOUSE/CRANES 88 TROLLEY DRIVE GEARBOX 1015-U88-6000

Component Gearbox

Fluid CITGO COMPOUND EP 320 (10 GAL)

DIAGNOSIS

Recommendation

We recommend you service the filters on this component if applicable. Resample at the next service interval to monitor.

Wear

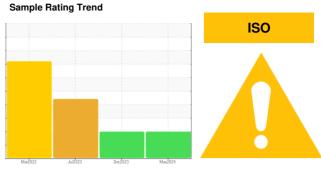
All component wear rates are normal.

Contamination

There is a high amount of particulates present in the oil.

Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



Sample Date Client Info 17 May 2024 19 Dec 2023 03 Jul 2023 Machine Age hrs Client Info 0 0 0 0 Oll Age hrs Client Info N/A N/A N/A N/A Sample Status Client Info N/A ABNORMAL ABNORMAL SEVERE CONTAMINATION method limit/base current history1 history2 Water WC Method >0.2 NEG NEG NEG Iron ppm ASTM DSI85m >200 85 72 50 Chromium ppm ASTM DSI85m >15 0 0 0 Nickel ppm ASTM DSI85m >200 85 72 50 Gopper ppm ASTM DSI85m >200 85 0 0 0 Autimum ppm ASTM DSI85m >25 19 19 12 2 Lead ppm ASTM DSI85m >25 <	SAMPLE INFORM	ATION	method	limit/base	current	history1	history2
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Particles >14μm ASTM D7647 >640 ▲ 6252 ▲ 8648 ▲ 2782							
	•						
			ASTM D7647 ASTM D7647	>160	▲ 828	▲ 1189	▲ 585

ASTM D7647 >40

ASTM D7647 >10

ISO 4406 (c) >21/19/16 🔺 25/24/20

8

0

Particles >38µm

Particles >71µm

Oil Cleanliness

14

0

▲ 25/24/19

16

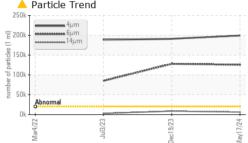
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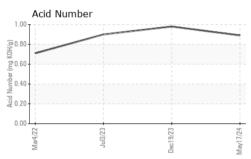
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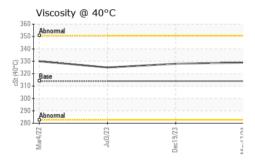


OIL ANALYSIS REPORT

🔺 Particle Tre	end		
250k 4µm	n :		
Ξ 200k 6μm Ξ 150k δ 100k Ξ 50k			
83 150k -		-12220-0442	
5 100k	MANAGER & STATES	ANY 31 TO A DOLLAR STREET, CO.	
E 50k - Abnormal			
Ok	preseductored		
Mar4/22	Jul3/23	Dec19/23	May17/24
		De	Ma
A Darticlo Tre	and		





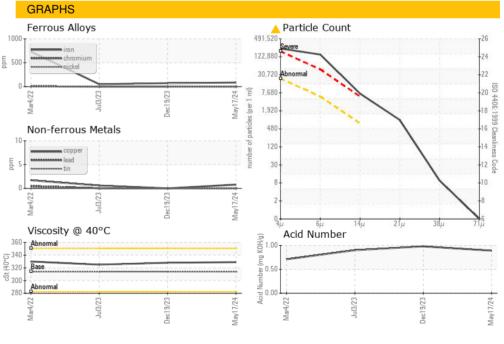


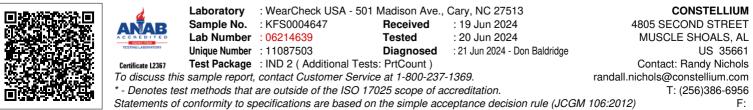
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.89	0.98	0.90
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	LIGHT
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPERT	IES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	314	329	328	325
SAMPLE IMAGES	6	method	limit/base	current	history1	history2

Color

Bottom







Submitted By: COLD MILL - Josh Edwards

Page 2 of 2