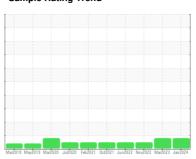


OIL ANALYSIS REPORT

Sample Rating Trend



ISO



LIEBHERR LR-1400 CR-4404

Component

Hydraulic System

DEXRON III (--- GAL)

▲ Recommendation

We recommend you service the filters on this component. Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DEXRON III. Please confirm.

All component wear rates are normal.

▲ Contamination

There is a light amount of silt (particulates < 14 microns in size) present in the oil.

Fluid Condition

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

		Mar2019 May2	019 Mar2020 Jul2020 Feb2	021 Oct2021 Jun2022 Nov2022 Mar	2023 Jan2024	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0893060	WC0785178	WC0720572
Sample Date		Client Info		29 Jan 2024	27 Mar 2023	05 Nov 2022
Machine Age	hrs	Client Info		0	4781	4131
Oil Age	hrs	Client Info		0	1000	500
Oil Changed		Client Info		N/A	Not Changd	Not Changd
Sample Status				ATTENTION	ATTENTION	NORMAL
CONTAMINATION	١	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG	NEG	NEG
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>20	4	3	3
Chromium	ppm	ASTM D5185m		<1	0	0
Nickel	ppm	ASTM D5185m	>10	<1	0	0
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m		2	<1	0
Lead	ppm	ASTM D5185m	>10	<1	0	<1
Copper	ppm	ASTM D5185m	>75	13	8	8
Tin	ppm	ASTM D5185m	>10	<1	0	0
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		87	86	79
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		<1	<1	<1
Manganese	ppm	ASTM D5185m		0	<1	0
Magnesium	ppm	ASTM D5185m		3	2	2
Calcium	ppm	ASTM D5185m		117	123	124
Phosphorus	ppm	ASTM D5185m		200	248	241
Zinc	ppm	ASTM D5185m		75	66	78
Sulfur	ppm	ASTM D5185m		1216	1019	1559
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>20	2	4	<1
Sodium	ppm	ASTM D5185m		0	2	<1
Potassium	ppm	ASTM D5185m	>20	2	0	2
FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>20000	21738	▲ 32412	12926
Particles >6µm		ASTM D7647	>5000	1198	4476	829
Particles >14µm		ASTM D7647	>640	39	82	49
Particles >21µm		ASTM D7647	>160	8	14	12
Particles >38µm		ASTM D7647	>40	1	1	1
Particles >71µm		ASTM D7647	>10	0	0	0
Oil Cleanliness		ISO 4406 (c)	>21/19/16	22/17/12	22/19/14	21/17/13
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.63	0.58	0.62



OIL ANALYSIS REPORT







Certificate L2367

Laboratory Sample No. Lab Number **Unique Number** Test Package : CONST

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : 06074640

: WC0893060 : 10856731

: 30 Jan 2024 Recieved Diagnosed : 31 Jan 2024 : Wes Davis Diagnostician

BUCKNER - WILLIS 18123 HWY 75 NORTH WILLIS, TX US 77378

Contact: JOHN HAWKINS johnh@bucknercompanies.com

To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

T:

F: