

LIEBHERR

CONSTRUCTION EQUIPMENT



[LIEBHERR] LIEBHERR A934C 041654-1006 - Splitter Box

Sample No: LH0258361

Oil Type: SAE 90



SAMPLE INFORMATION

Sample Number	LH0258361	DJJ019938	DJJ018840	DJJ014997
Sample Date	13 Mar 2024	07 Dec 2016	20 Nov 2015	20 Aug 2013
Machine Hours	0	13397	12886	10724
Oil Hours	0	500	500	500
Oil Changed	N/A	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	ATTENTION	NORMAL

DUMES INC

1640 NORTH 6TH ST

VINCENNES, IN

US 47591

Contact:



OIL CONDITION

Visc @ 40°C	cSt	107	89.59	93.98	126.7
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T:

F:



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	9	6	3
Sodium	ppm	<1	1	2	1
Potassium	ppm	0	12	11	3

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	10	107	78	33
Copper	ppm	<1	4	2	<1
Lead	ppm	0	<1	<1	0
Tin	ppm	0	0	2	<1
Aluminum	ppm	0	5	4	1
Chromium	ppm	0	2	1	<1
Molybdenum	ppm	<1	0	<1	<1
Nickel	ppm	0	<1	<1	0
Titanium	ppm	<1	<1	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	2	1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	16	27	26	16
Magnesium	ppm	0	0	3	0
Zinc	ppm	49	288	226	93
Phosphorus	ppm	455	1037	1087	1721
Barium	ppm	0	15	17	24
Boron	ppm	2	23	43	81

Depot: DUMVINLH

Unique No: 10927524

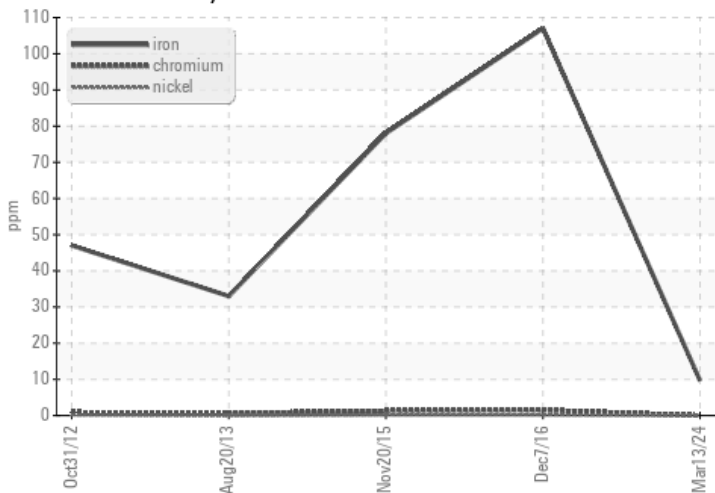
Signed: Don Baldrige

Report Date: 18 Mar 2024

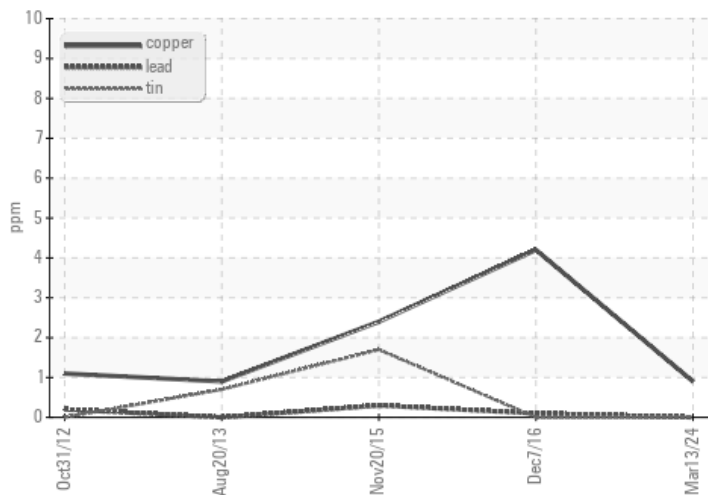


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

