

LIEBHERR

CONSTRUCTION EQUIPMENT



[DNA] LIEBHERR R934C 024303 - Splitter Box

Sample No: LH0286676

Oil Type: GEAR OIL SAE 75W90



SAMPLE INFORMATION

Sample Number	LH0286676	LH0251542	LH0247344	LH0214163
Sample Date	25 Mar 2024	02 Mar 2023	08 Dec 2022	22 Nov 2021
Machine Hours	19048	18333	18131	17000
Oil Hours	0	0	500	500
Oil Changed	Not Chngd	Not Chngd	Changed	Changed
Sample Status	NORMAL	ABNORMAL	ABNORMAL	ABNORMAL

DOMINION NICKEL ALLOYS LTD.

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OIL CONDITION

Visc @ 40°C	cSt	126	65.0	76.4	82.2
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	3	2	3
Sodium	ppm	1	1	<1	<1
Potassium	ppm	1	<1	2	2

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	42	26	36	38
Copper	ppm	1	1	2	2
Lead	ppm	0	<1	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	3	14	8	8
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	<1
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	15	44	31	30
Magnesium	ppm	1	1	2	2
Zinc	ppm	60	262	195	177
Phosphorus	ppm	656	472	478	511
Barium	ppm	0	0	0	0
Boron	ppm	2	2	2	6

Depot: DOMBUR

Unique No: 5749866

Signed: Wes Davis

Report Date: 26 Mar 2024



GRAPHS

