

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR PR756 1312-17193 - Left Final Drive

Sample No: LH0243294

Oil Type: LIEBHERR SYNTOGear PLUS 75W-90



SAMPLE INFORMATION

Sample Number	LH0243294	LH0244032	LH0229075	LHMC122718
Sample Date	07 Jul 2023	15 Jun 2023	28 Apr 2023	07 Oct 2021
Machine Hours	9943	9809	9570	7024
Oil Hours	134	1764	1525	1015
Oil Changed	Not Changd	Changed	Not Changd	Not Changd
Sample Status	NORMAL	ATTENTION	ATTENTION	ABNORMAL

CITY OF RIVERVIEW
 20863 GRANGE ROAD
 RIVERVIEW, MI
 US 48193
 Contact: Service Manager



OIL CONDITION

Visc @ 40°C	cSt	93.5	52.4	57.2	82.1
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T:
F:



CONTAMINATION

Silicon	ppm	4	6	2	6
Sodium	ppm	2	2	1	1
Potassium	ppm	0	0	0	9

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	74	53	45	56
Copper	ppm	13	37	33	73
Lead	ppm	0	0	0	0
Tin	ppm	0	<1	<1	0
Aluminum	ppm	<1	2	2	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	<1	<1	<1	0
Nickel	ppm	0	<1	0	<1
Titanium	ppm	0	<1	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

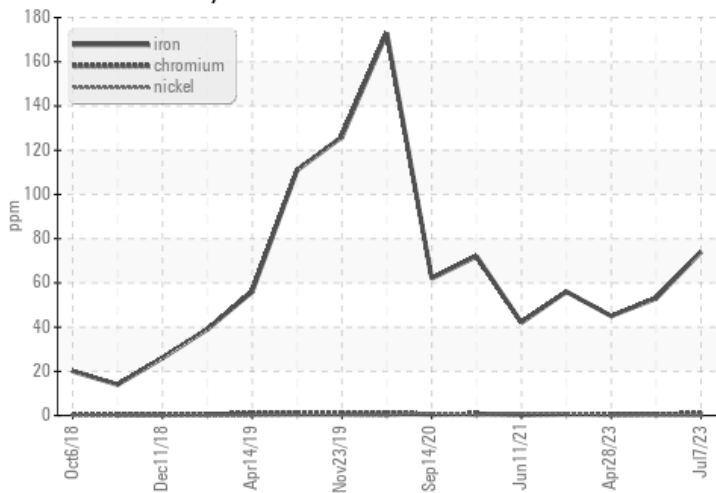
Calcium	ppm	39	182	129	18
Magnesium	ppm	789	257	320	1023
Zinc	ppm	101	482	310	11
Phosphorus	ppm	1505	806	791	1656
Barium	ppm	0	0	0	0
Boron	ppm	483	137	194	486

Depot: CITRIVMI
Unique No: 10552300
Signed: Don Baldrige
Report Date: 13 Jul 2023

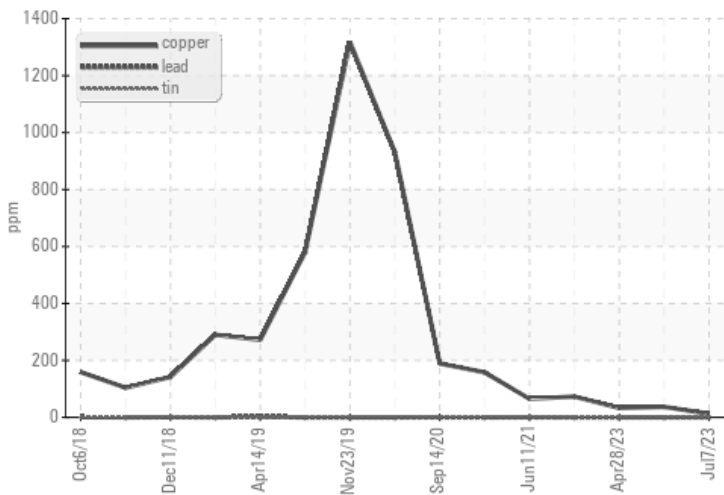


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

