

LIEBHERR

CONSTRUCTION EQUIPMENT



[(348096)] LIEBHERR PR726LGP 020704-1331 - Hydraulic Sy

Sample No: LH0274839

Oil Type: AW HYDRAULIC OIL ISO 46



SAMPLE INFORMATION

Sample Number	LH0274839	LH0239251	LH0230947	LH0224712
Sample Date	12 Oct 2023	16 Sep 2022	17 Jun 2022	24 Feb 2022
Machine Hours	4054	2484	1992	1510
Oil Hours	0	0	0	0
Oil Changed	N/A	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

MCCANN RED-MIX INC.
 R.R. #3,, 69478 BRONSON LINE
 DASHWOOD, ON
 CA N0M 1N0
 Contact: John
 john@mccannrdeimix.ca
 T: (519)237-3647
 F: (519)237-3644



OIL CONDITION

Visc @ 40°C	cSt	43.3	43.5	45.4	44.3
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CONTAMINATION

Particles >4µm		8248	14180	12457	128176
Particles >6µm		1097	1281	2993	25284
Particles >14µm		37	20	212	538
ISO 4406:1999 (c)		20/17/12	21/17/11	21/19/15	24/22/16
Silicon	ppm	2	2	2	3
Sodium	ppm	10	9	2	8
Potassium	ppm	1	<1	0	1

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	18	15	6	14
Copper	ppm	6	6	3	6
Lead	ppm	<1	<1	2	<1
Tin	ppm	0	<1	0	0
Aluminum	ppm	<1	<1	<1	1
Chromium	ppm	<1	<1	0	<1
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	<1	3	0	0
Manganese	ppm	0	<1	0	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

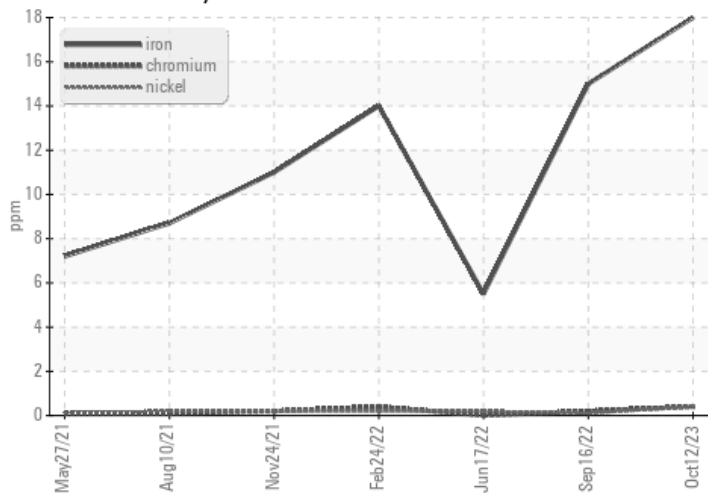
Calcium	ppm	657	819	1204	876
Magnesium	ppm	3	3	6	4
Zinc	ppm	738	713	651	716
Phosphorus	ppm	589	661	538	636
Barium	ppm	<1	0	0	0
Boron	ppm	<1	1	<1	1

Depot: MCCDAS
 Unique No: 5658002
 Signed: Kevin Marson
 Report Date: 16 Oct 2023

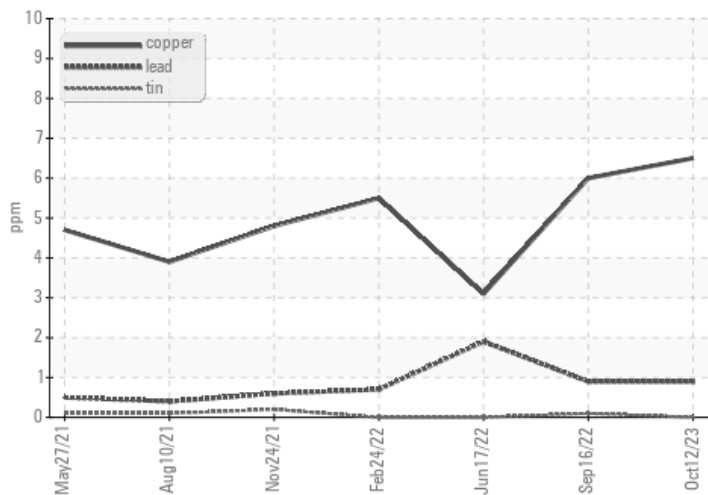


GRAPHS

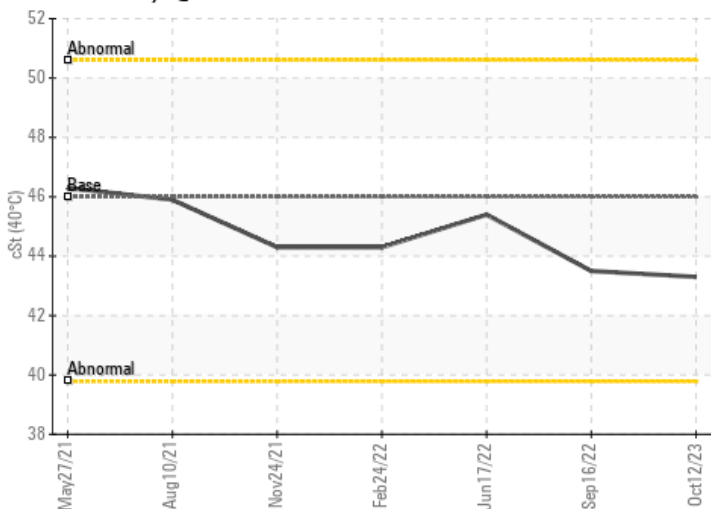
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

