

LIEBHERR

CONSTRUCTION EQUIPMENT



[CAMBRIDGE ASPHALT] LIEBHERR L566 036511-1168 - Hydraulic

Sample No: LH0278893

Oil Type: {unknown}



SAMPLE INFORMATION

Sample Number	LH0278893	LH0257430	LH0239194	LH0192688
Sample Date	21 Jan 2024	14 Sep 2023	07 Nov 2022	15 Jul 2021
Machine Hours	14008	13830	11757	0
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Not Changd	Not Changd	N/A
Sample Status	ATTENTION	NORMAL	NORMAL	NORMAL

Summit Aggregates
 2686 Greenfield Blvd.
 Ayr, ON
 CA N0B 1E0
 Contact: Greg .
 greg@summitagg.com
 T: (226)791-0161
 F:



OIL CONDITION

Visc @ 40°C	cSt	38.0	38.1	40.4	40.9



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Particles >4µm		22837	5494	19374	5846
Particles >6µm		1681	857	1449	1451
Particles >14µm		31	29	22	99
ISO 4406:1999 (c)		22/18/12	20/17/12	21/18/12	20/18/14
Silicon	ppm	6	6	4	3
Sodium	ppm	<1	1	<1	<1
Potassium	ppm	2	1	0	<1



WEAR METALS

Iron	ppm	9	10	6	2
Copper	ppm	3	3	2	<1
Lead	ppm	2	3	3	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	2	2	1	<1
Chromium	ppm	<1	<1	<1	0
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	924	1240	1566	1447
Magnesium	ppm	10	12	13	12
Zinc	ppm	637	732	783	799
Phosphorus	ppm	535	640	701	670
Barium	ppm	0	0	0	0
Boron	ppm	1	2	3	3

Diagnosis

We recommend you service the filters on this component. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is a light amount of silt (particulates < 14 microns in size) present in the oil. The condition of the oil is acceptable for the time in service.

Depot: SUMAYR
Unique No: 5711393
Signed: Wes Davis
Report Date: 23 Jan 2024

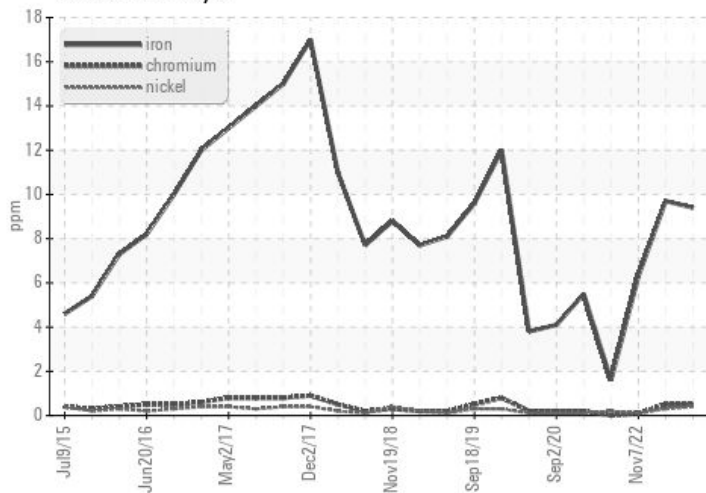
LIEBHERR

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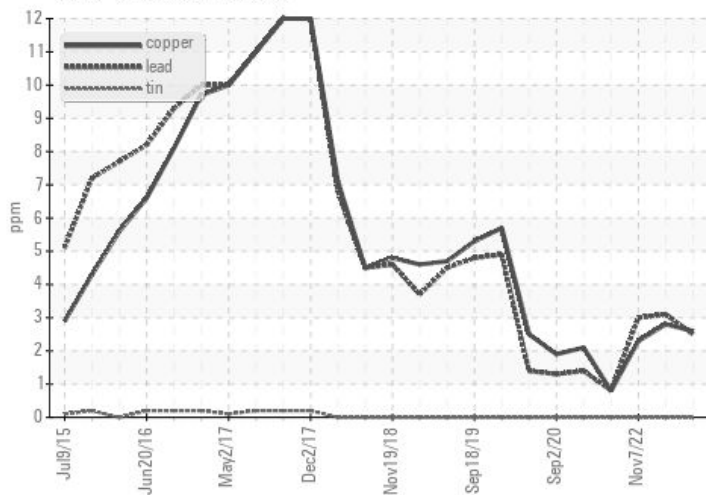


GRAPHS

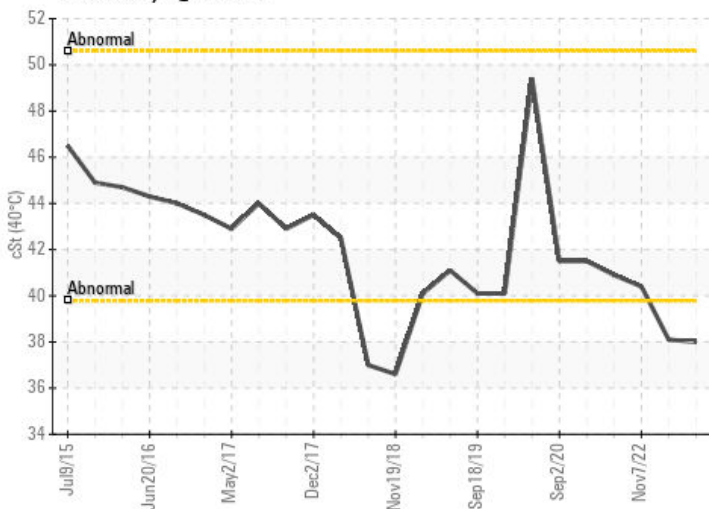
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

