LIEBHERR
CONSTRUCTION EQUIPMENT

[(374940)] LIEBHERR LH30M 137944-1253 - Hydraulic Syste

Sample No: LH0296526

Oil Type: {unknown}

KINGS AUTO WRECKERS
1866 DRUMMOND LINE
PETERBOROUGH, ON
CA K9J 6X8
Contact: Service Manager

T:
F:

Information sur l'échantillon

Numéro d'échant.		**LH0296526**	LH0278727	LH0256532	LH0239387
Date d'échant.		**07 Jul 2024**	22 Feb 2024	03 Jun 2023	13 Feb 2023
Heures de la Machine		**3323**	2777	1701	1206
Heures de l'huile		**0**	0	0	0
Huile changée		**Not Changd**	Not Changd	Not Changd	Not Changd
Statut de l'echant.		**ABNORMAL**	NORMAL	NORMAL	NORMAL

État d'huile

Visc 40°C	cSt	**42.4**	42.7	43.1	42.8

Contamination

Eau	%	**0.130**	NEG	NEG	NEG
Particules >4µ		**73383**	1595	7847	2439
Particules >6µ		**2370**	382	1796	500
Particules >14µ		**89**	23	63	35
ISO 4406:1999 (c)		**23/18/14**	18/16/12	20/18/13	18/16/12
Silicium	ppm	**3**	3	4	3
Sodium	ppm	**2**	2	2	2
Potassium	ppm	**2**	1	<1	<1

Métaux d'usure

Fer	ppm	**16**	15	16	17
Cuivre	ppm	**6**	3	3	3
Plomb	ppm	**1**	<1	1	<1
Étain	ppm	**0**	0	0	0
Aluminium	ppm	**<1**	1	<1	<1
Chrome	ppm	**<1**	<1	<1	<1
Molybdène	ppm	**0**	0	0	0
Nickel	ppm	**<1**	0	<1	0
Titane	ppm	**0**	0	0	0
Argent	ppm	**0**	0	0	0
Manganèse	ppm	**<1**	0	<1	<1
Vanadium	ppm	**0**	0	0	0

Additifs

Calcium	ppm	**619**	1005	1198	1203
Magnésium	ppm	**2**	3	4	3
Zinc	ppm	**733**	724	703	701
Phosphore	ppm	**612**	626	665	682
Baryum	ppm	**<1**	0	0	0
Bore	ppm	**<1**	<1	0	<1

Diagnostic

Check seals and/or filters for points of contaminant entry. We advise that you check for the source of water entry. We recommend that you change the oil. We recommend you service the filters on this component. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample.All component wear rates are normal. There is a moderate amount of silt (particulates < 14 microns in size) present in the oil. There is a moderate concentration of water present in the oil. The white residue present in the sample is oil additive precipitate. The oil is no longer serviceable due to the presence of contaminants.

Depot: KINPET
Unique No: 5811858
Signed: Kevin Marson
Report Date: 11 Jul 2024

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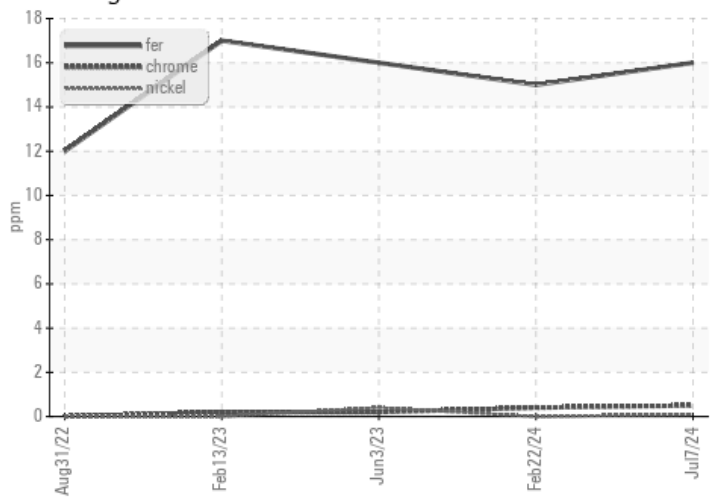
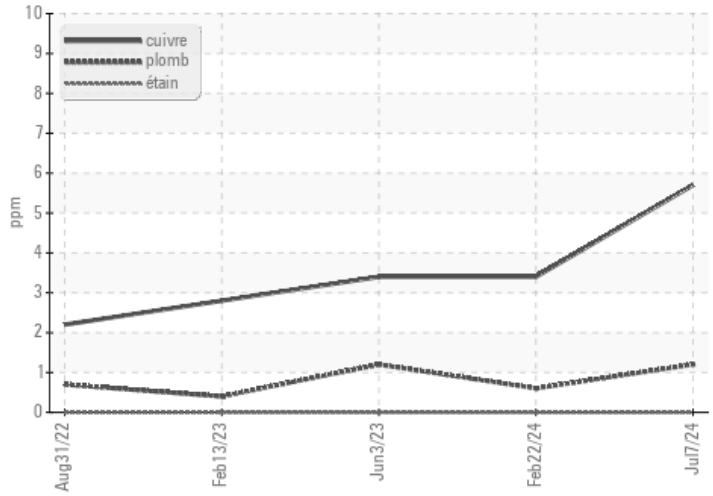
Graphs

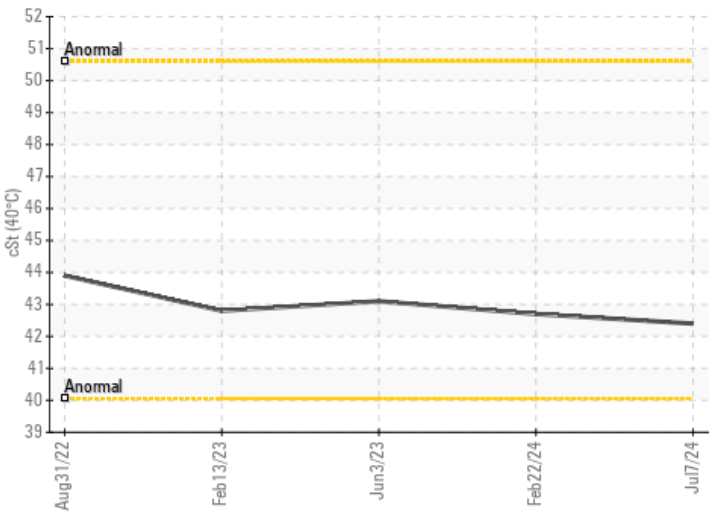
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules