CONSTRUCTION EQUIPMENT

{unknown}

[(347723)] LIEBHERR R945 052514-1866 - Hydraulic System

Sample No: LH0296450

Oil Type:

Information sur l'échantillon LH0296450 Numéro d'échant. LH0296451 Date d'échant. 08 Jul 2024 08 Jul 2024 Heures de la Machine 5635 5635 Heures de l'huile 0 0 Huile changée Not Changd Not Changd Statut de l'echant. SEVERE SEVERE État d'huile cSt Visc 40°C 0 41.1 0 41.0 -

Contamination					
Eau	%	NEG	NEG		
Particules >4µ		0 25154	9877		
Particules >6µ		0 10645	3326		
Particules >14µ		0 1048	274		
ISO 4406:1999 (c)		22/21/17	20/19/15		
Silicium	ppm	0 5	0 4		
Sodium	ppm	04	0 4		
Potassium	ppm	○ <1	○ <1		

Ö ł	Métaux d'usure	

PQ		0 22	27	
Fer	ppm	0 141	0 144	
Cuivre	ppm	6	6	
Plomb	ppm	○ <1	○ <1	
Étain	ppm	0	0	
Aluminium	ppm	01	01	
Chrome	ppm	04	0 4	
Molybdène	ppm	0	0	
Nickel	ppm	○ <1	○ <1	
Titane	ppm	0	0	
Argent	ppm	0	0	
Manganèse	ppm	2	2	
Vanadium	ppm	0	0	

Additif

Addi	115			
Calcium	ppm	737	748	
Magnésium	ppm	3	3	
Zinc	ppm	632	642	
Phosphore	ppm	521	536	
Baryum	ppm	<1	<1	
Bore	ppm	1	<1	



STRADA AGGREGATES 30 FLORAL PARKWAY CONCORD, ON CA L4K 4R1 Contact: Service Manager

T: F:

Diagnostic

We recommend you service the filters on this component. Resampling is suggested to confirm test results prior to significant maintenance activities being performed. Please indicate that this is a resample on your Sample Information Form (SIF). Please specify the brand, type, and viscosity of the oil on your next sample. Iron ppm levels are severe. The low ferrous density (PQ) index indicates the wear metal levels are due to corrosion. There is a moderate amount of silt (particulates < 14 microns in size) present in the oil. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.

Depot: Unique No: Signed: Report Date: STR30CON 5812904 Kevin Marson 15 Jul 2024 Submitted By: ?

LEBHERR CONSTRUCTION EQUIPMENT



Graphs

Alliages ferreux O Comptage de particules 160 491,520--26 fer 140 245,760 -25 chrom •• nickel 120 122,880 -24 100 61,440 -23 ud 80 30,720 -22 60 15,360 -21 40 7,680 20 20 3,840 -19 0 Code 1,920 -18 ibre de particules (par 1 ml) Jul8/24 24 Jul8/ de proj 960 17 preté ISO 4406 Métaux non-ferreux 480 -16 10 15 240 cuivre 9 🐜 plomb .14 999 étain 120 8 60. -13 6 30 -12 ppm Ę 15 11 3 8. 10 4. 9 2 -8 0 Jul8/24 Jul8/24 0,∔ 4µ 21µ 38µ 14µ Viscosité 40°C 6j. 52-51 Anorma 50 49 48 47 (D=046 45 44 43 42 41 Anormal 40 39 Jul8/24. Jul8/24