



## LIEBHERR R924CHDSL 033185-1066 - Swing Drive

Sample No: LH0278403

=

-

Oil Type: GEAR OIL SAE 75W90

	<mark>'ION SUR L'ÉCHA</mark>	NTILLON	
Numéro d'échant.	LH0278403	LH0068787	 
Date d'échant.	18 Mar 2024	23 Jan 2014	 
Heures de la Machine	12645	542	 
Heures de l'huile	0	0	 
Huile changée	Changed	Changed	 
Statut de l'echant.	SEVERE	ABNORMAL	 



	NTAMIN/	ATION		
Eau	%	NEG	NEG	 
Silicium	ppm	07	0 28	 
Sodium	ppm	0 2	0 4	 
Potassium	ppm	0 2	0 2	 

Â				
MéT/	<b>LUX D'US</b>	JRE		
PQ		0 12		 
Fer	ppm	<b>0</b> 1701	0 465	 
Cuivre	ppm	<b>6</b> 561	0 85	 
Plomb	ppm	0 14	0 6	 
Étain	ppm	<mark>)</mark> 9	01	 
Aluminium	ppm	02	○ <1	 
Chrome	ppm	<mark>()</mark> 13	3	 
Molybdène	ppm	0 ()	0	 
Nickel	ppm	03	○ <1	 
Titane	ppm	0	0	 
Argent	ppm	0	0	 
Manganèse	ppm	0 15	0 11	 
Vanadium	ppm	0	0	 

	TIFS			
Calcium	ppm	<b>0</b> 59	○ 73	 
Magnésium	ppm	01	05	 
Zinc	ppm	0 85	29	 
Phosphore	ppm	0 1158	2469	 
Baryum	ppm	01	23	 
Bore	ppm	0 83	0 4	 



Terramac Contracting Ltd. 10 Eveleigh Dr. North Sydney, NS CA B1V 3K6 Contact: Vernon Mackillop

T: (902)565-6668 F:

## Diagnostic

The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 75W90. Please confirm.Copper, iron and lead ppm levels are severe. Tin and chromium ppm levels are abnormal. Bearing and/or bushing wear is indicated. The low ferrous density (PQ) index indicates the wear metal levels are due to corrosion. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot:	TERSYD
Unique No:	5748241
Signed:	Kevin Marson
Report Date:	19 Mar 2024

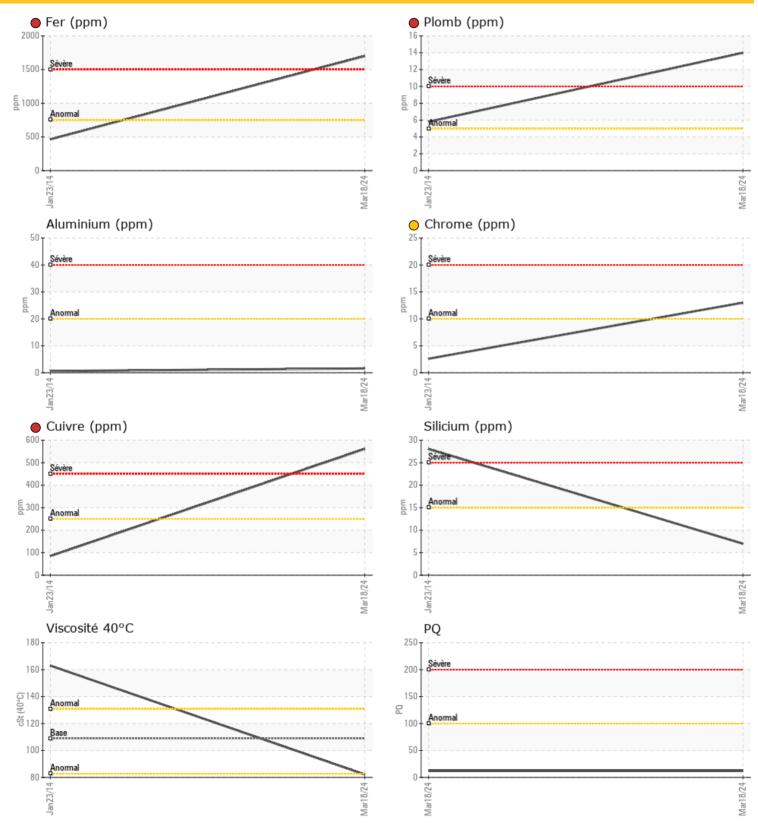
Contact/Location: Vernon Mackillop - TERSYD





GRAPHS

 $\odot$ 



ID du rapport: TERSYD [WCAMIS] 02623122 (Generated: 03/20/2024 12:12:48) Rev: 1

Contact/Location: Vernon Mackillop - TERSYD