CONSTRUCTION EQUIPMENT

NOT GIVEN

[(365443)] LIEBHERR R966 054115-1783 - Left Final Drive

Sample No: LH0281439

Oil Type:

- 1.

	MATION SUR L'ÉCHA	NTILLON	
Numéro d'échant.	LH0281439		
Date d'échant.	28 Nov 2023		
Heures de la Machine	2884		
Heures de l'huile	0		
Huile changée	Not Changd		
Statut de l'echant.	SEVERE		
ÉTATD	HUILE		
Visc 40°C	cSt 219		

	NTAMINA	TION		
Eau	%	0.245	 	
Silicium	ppm	e 2637	 	
Sodium	ppm	0 139	 	
Potassium	ppm	0 218	 	

 \odot **MéTAUX D'USURE** PQ 2093 Fer 0 4037 ppm Cuivre 06 ppm Plomb ppm 02 Étain ppm 0 Aluminium ppm 0 597 Chrome • 49 ppm Molybdène 3 ppm Nickel 0 17 ppm Titane 0 36 ppm Argent ppm <1 Manganèse 44 ppm Vanadium <1 ppm

	ITIFS			
Calcium	ppm	1605	 	
Magnésium	ppm	162	 	
Zinc	ppm	22	 	
Phosphore	ppm	1123	 	
Baryum	ppm	3	 	
Bore	ppm	5	 	



CON-DRAIN LTD. 30 FLORAL PARKWAY CONCORD, ON

CONCORD, ON CA L4K 4R1 Contact: B BAXTER B.BAXTER@CONDRAIN.COM T: F:

Diagnostic

We advise that you check for the source of water entry. We advise that you check all areas where dirt can enter the system. We recommend that you drain the oil from the component if this has not already been done. We advise that you flush the component thoroughly before refilling with oil. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample.Chromium and iron ppm levels are severe. PQ levels are severe. Nickel ppm levels are abnormal. Aluminum ppm levels are noted. Titanium ppm levels are marginal. Gear wear is indicated. The very high ferrous density (PQ) index indicates that severe wear is occurring. There is a moderate concentration of water present in the oil. Elemental levels of silicon (Si) and aluminum (AI) indicate aluminasilicate (coarse dirt) ingress. High amount of ingressed dirt has caused abrasive wear to the component. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot:	С
Unique No:	5
Signed:	K
Report Date:	3

CON30CON 5684736 Kevin Marson 80 Nov 2023

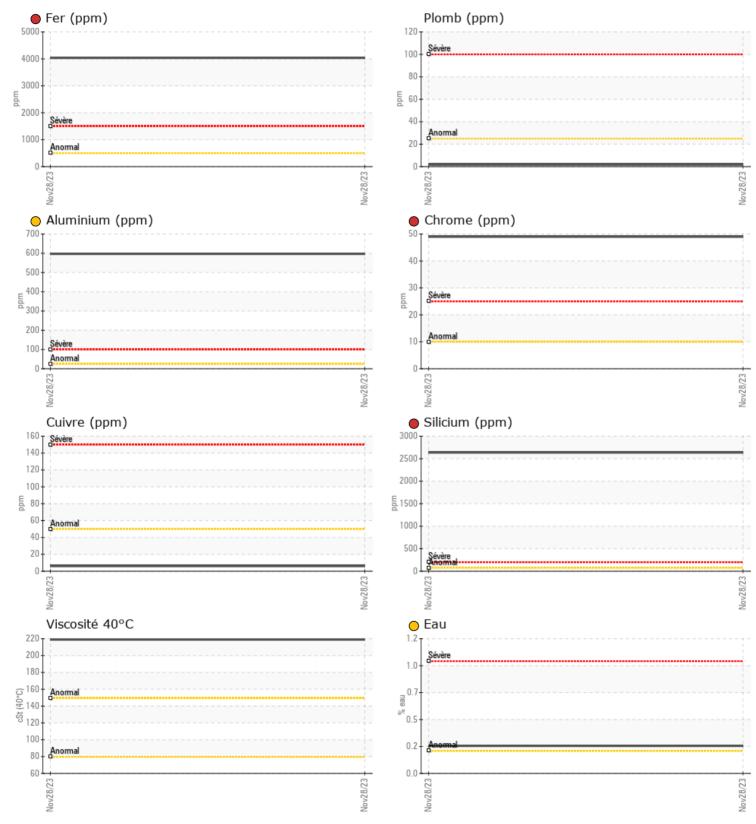
Submitted By: ?





GRAPHS

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