CONSTRUCTION EQUIPMENT



054897-1650 - Diesel Engine

Sample No: LH0292409

Oil Type:

-					
U Inform	nation sur	l'échantillon			
Numéro d'échant.		LH0292409	LH0243062		
Date d'échant.		18 Jun 2024	17 Jan 2023		
Heures de la Machine		1937	641		
Heures de l'huile		0	0		
Huile changée		Changed	Changed		
Statut de l'echant.		NORMAL	NORMAL		
🕐 État d'hvile					
Visc 40°C	cSt		72.7		

PETRO CANADA SUPREME SYNTHETIC 5W40

Visc 40°C	cSt		72.7	
Visc 100°C	cSt	0 13.2	0 12.0	
Indice de viscosité (VI)	Scale		0 161	
Oxydation (PA)	%	81	187	

Contamination						
Eau	%	NEG	NEG			
% de suie	%	0 ()	0			
Nitration (PA)	%	76	98			
Sulfatation (PA)	%	65	103			
Glycol	%	NEG	NEG			
Essence	%	<1.0	<1.0			
Silicium	ppm	07	27			
Sodium	ppm	3	03			
Potassium	ppm	08	0 4			



Métaux d'usure

Fer	ppm	0 11	0 11	
Cuivre	ppm	06	225	
Plomb	ppm	0 🔘	8 🔘	
Étain	ppm	0 ()	01	
Aluminium	ppm	04	3	
Chrome	ppm	<mark></mark> <1	○ <1	
Molybdène	ppm	9	39	
Nickel	ppm	○ <1	○ <1	
Titane	ppm	<1	<1	
Argent	ppm	0 ()	0	
Manganèse	ppm	○ <1	0 1	
Vanadium	ppm	0	0	

Addi	IIIS			
Calcium	ppm	1826	1542	
Magnésium	ppm	219	799	
Zinc	ppm	O 1109	948	
Phosphore	ppm	908	837	
Baryum	ppm	○ <1	35	
Bore	ppm	98	55	



Delsan - American Iron and Metal 2187 Montee Masson

Laval, QC CA H7B 0A6 Contact: MANNY MARQUES mmarques@delsan-aim.com T: F:

Diagnostic

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor.All component wear rates are normal. Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

Depot: Unique No: Signed: Report Date: DEL782MON 5801641 Wes Davis 26 Jun 2024 Submitted By: ?

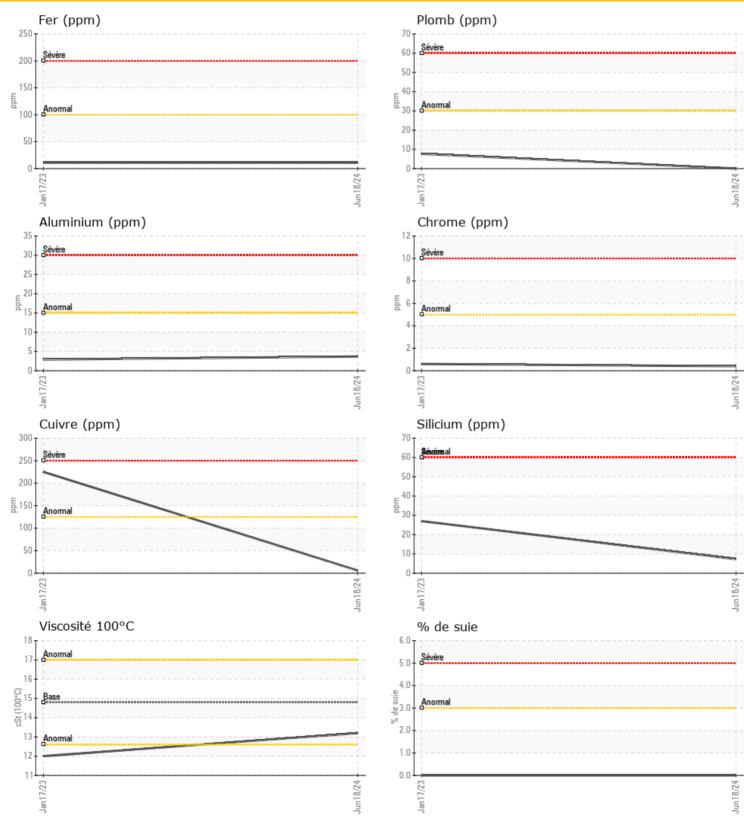
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LEBHERR CONSTRUCTION EQUIPMENT



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Graphs



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