EBHERR

CONSTRUCTION EQUIPMENT

[FRPD] NO UNIT LHO218489 - Diesel Engine

Sample No: LH0218489

Oil Type: CHEVRON 15W40

SAM	PLE INFOR	MATION		
Sample Number		LH0218489	 	
Sample Date		29 Sep 2023	 	
Machine Hours		29 Sep 2023 35436	 	
Oil Hours		0		
		-	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OILO	ONDITION	ı		
Visc @ 100°C	cSt	12.9	 	
Oxidation (PA)	%	52	 	
-4				
CON	TAMINAT	ON		
Soot %	%	0	 	
Nitration (PA)	%	64	 	
Sulfation (PA)	%	51	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	4	 	
Sodium	ppm	3	 	
Potassium	ppm	2	 	
J.				
WEA	R METALS	}		
Iron	ppm	6	 	
Copper	ppm	01	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	0 1	 	
Chromium	ppm	○ <1	 	
Molybdenum	ppm	○ 2	 	
Nickel	ppm	01	 	
Titanium	ppm	0	 	
Silver	ppm	○ <1	 	
Manganese		0		
Vanadium	ppm	0	 	
	ppm	U	 	
ADD	ITIVES			
Calcium	ppm	1369	 	
Magnesium	ppm	○ 746	 	
Zinc	ppm	○ 804	 	
Phosphorus		○ 712	 	
Barium	ppm	O <1		
	ppm		 	
Boron	ppm	86	 	

LIEBHERR CANADA LTD.

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CA L7L 5Z8

Contact: Joseph Rodgers joseph.rodgers@liebherr.com

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Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: LIEMIS **Unique No:** 5658577 Signed: Wes Davis Report Date: 17 Oct 2023

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CONSTRUCTION EQUIPMENT





GRAPHS

