LIEBHERR

CONSTRUCTION EQUIPMENT



Sample No: LH0270359

Oil Type: PETRO CANADA SUPREME 5W30

JSAM	PLE INFO	DRMATION		
Sample Number		LH0270359	LH0251888	
Sample Date		31 Jul 2023	19 Jan 2023	
Machine Hours		10949	10083	
Dil Hours		0	0	
Oil Changed		Changed	Changed	
-				
Sample Status		NORMAL	NORMAL	
A				
OIL	ONDITIO	ON		
Visc @ 100°C	cSt	11.8	O 10.9	
Oxidation (PA)	%	64	71	
-4				
CON	TAMINA	TION		
Soot %	%	0 0	0	
Nitration (PA)	%	66	111	
Sulfation (PA)	%	53	65	
Glycol	%	NEG	NEG	
-uel	%	<1.0	O 1.7	
Silicon	ppm	6	6	
Sodium	ppm	4	3	
Potassium	ppm	() <1	O 1	
	R META		0.45	
lron	ppm	0 4	O 15	
Copper	ppm	2	O 5	
_ead	ppm	0	5	
Γin	ppm	0	0 <1	
Aluminum	ppm	O 1	0 2	
Chromium	ppm	○ <1	O <1	
Molybdenum	ppm	56	O 27	
Vickel	ppm	0 0	O <1	
Titanium	ppm	0	O <1	
Silver	ppm	○ <1	O 0	
Manganese	ppm	○ <1	O <1	
/anadium	ppm	0	0	
ADD	ITIVES			
Calcium	ppm	848	O 2962	
Magnesium	ppm	1083	O 141	
Zinc	ppm	1185	O 1013	
Phosphorus	ppm	1059	958	
Barium	ppm	0 0	O 0	

MONAGHAN MUSHROOMS LTD

7345 GUELPH LINE CAMPBELLVILLE, ON CA LOP 1B0

Contact: Steven Cargill

s. cargill @monaghan-mush rooms.com

T: F:

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: MONCAM
Unique No: 5618699
Signed: Wes Davis
Report Date: 02 Aug 2023

ppm

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Boron

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GRAPHS

