LIEBHERR

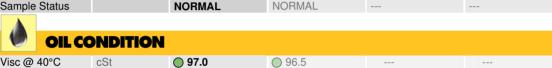
CONSTRUCTION EQUIPMENT

[[593756]] LIEBHERR HS8100 184996 - 2 Slewing Gearbox

Sample No: LH0284982

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC

SAMPLE INFORMATION							
Sample Number	LH0284982	LH0239660					
Sample Date	26 Jan 2024	29 Jul 2022					
Machine Hours	12043	8773					
Oil Hours	0	0					
Oil Changed	N/A	Changed					
Sample Status	NORMAL	NORMAL					
A							



CONTAMINATION							
Water	%	NEG	NEG				
Silicon	ppm	2	O 2				
Sodium	ppm	() <1	O 1				
Potassium	ppm	0 <1	O <1				

WEA	R METAL	LS		
Iron	ppm	35	2 6	
Copper	ppm	4	O 2	
Lead	ppm	0	O <1	
Tin	ppm	0	0	
Aluminum	ppm	<1	<1	
Chromium	ppm	○ <1	0	
Molybdenum	ppm	0	O <1	
Nickel	ppm	○ <1	O <1	
Titanium	ppm	0	0	
Silver	ppm	0	1	
Manganese	ppm	0	O <1	
Vanadium	ppm	0	0	

ADDI						
ADDITIVES						
Calcium	ppm	17	O 16			
Magnesium	ppm	2	O 2			
Zinc	ppm	11	O 11			
Phosphorus	ppm	1252	O 1227	***		
Barium	ppm	0	0			
Boron	ppm	308	○ 313			



HIGGS & HIGGS RR # 4 ST THOMAS, ON CA N5P 3S8 Contact: Bernie Higgs

T: (519)631-4095 F: (519)631-2745

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:HIGSTTUnique No:5737101Signed:Wes DavisReport Date:05 Mar 2024

Contact/Location: Bernie Higgs - HIGSTT

LIEBHERR

CONSTRUCTION EQUIPMENT





GRAPHS

