

054664-1650 - Swing Drive

Sample No: LH0285101

Oil Type:

GEAR OIL SAE 80W90

SAMPLE INFORMATION

JAMP				
Sample Number		LH0285101	LH0239332	
Sample Date		29 Jan 2024	28 Sep 2022	
Machine Hours		2022	305	
Oil Hours		0	0	
Oil Changed		Changed	Changed	
Sample Status		SEVERE	NORMAL	
OIL CO	NDITION			
Visc @ 40°C	cSt	0 101	0 174	

	NTAMIN/	ATION		
Water	%	1.860	NEG	
Silicon	ppm	06	0 1	
Sodium	ppm	02	0 4	
Potassium	nom	02	0 < 1	

Ä				
WEAI	R METALS			
PQ		0		
Iron	ppm	0 1289	0 181	
Copper	ppm	<1	0 <1	
Lead	ppm	0<1	0 <1	
Tin	ppm	0	0	
Aluminum	ppm	<mark>()</mark> <1	○ <1	
Chromium	ppm	<mark>()</mark> 17	0 4	
Molybdenum	ppm	0 0	○ <1	
Nickel	ppm	○ <1	○ <1	
Titanium	ppm	0	<1	
Silver	ppm	0	0	
Manganese	ppm	0 12	0 4	
Vanadium	ppm	0	0	

ADDITIVES Calcium 0 16 ppm 0 16 Magnesium 02 ○ <1 ppm Zinc 0 10 ppm 0 25 Phosphorus 0 1342 2393 ppm 04 Barium ppm **○** <1 Boron ppm 0 194 02





Delsan - American Iron and Metal
2187 Montee Masson
Laval, QC
CA H7B 0A6

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Diagnosis

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition.Chromium and iron ppm levels are abnormal. The low ferrous density (PQ) index indicates the wear metal levels are due to corrosion. There is a high concentration of water present in the oil. Viscosity of sample indicates oil is within SAE 75W90 range, advise investigate. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot:	DEL782MON		
Unique No:	5721326		
Signed:	Bill Quesnel		
Report Date:	02 Feb 2024		

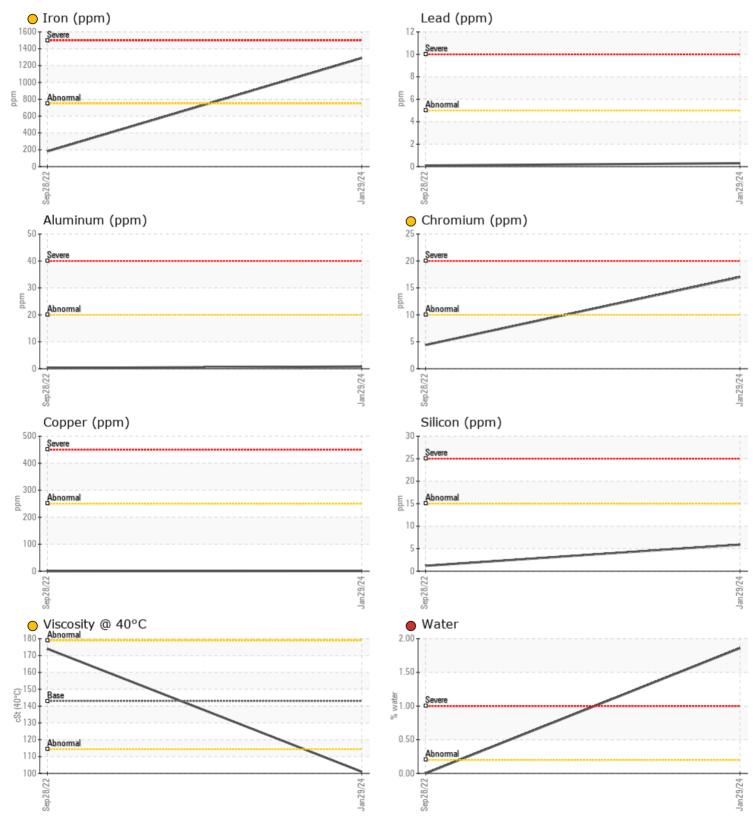
Submitted By: Eric Leblond





GRAPHS

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