## CONSTRUCTION EQUIPMENT

## 030095 - Left Final Drive

Sample No: LH0178223

Oil Type:

¢

Calcium

Zinc

Barium

Boron

Magnesium

Phosphorus

**ADDITIVES** 

ppm

ppm

ppm

ppm

ppm

ppm

## 

- SAMP	LE INFOR	MAIIUN			
Sample Number		LH0178223	LH0235016	LH0195433	
Sample Date		28 Sep 2023	27 Oct 2022	20 Apr 2021	
Machine Hours		18600	17569	15200	
Oil Hours		1000	1000	1000	
Oil Changed		Changed	Changed	Changed	
Sample Status		NORMAL	ABNORMAL	NORMAL	
OIL CO	ONDITION				
Visc @ 40°C	cSt	0 102	0 87.8	94.5	

**KENDALL NS-MP HYPOID GEAR 80W90** 

	NTAMINA	TION			
Silicon	ppm	07	0 6	○ 5	
Sodium	ppm	01	0 2	3	
Potassium	ppm	<b>○</b> <1	0 1	◯ <1	
-					

WEA WEA	<mark>R METALS</mark>				
Iron	ppm	0 77	99	93	
Copper	ppm	<b>3</b>	0 4	04	
Lead	ppm	<b>○</b> <1	0	0	
Tin	ppm	0 🔘	0	○ <1	
Aluminum	ppm	<b>○</b> <1	○ <1	○ <1	
Chromium	ppm	07	0 10	0 13	
Molybdenum	ppm	0	○ <1	<1	
Nickel	ppm	01	2	02	
Titanium	ppm	0	<1	◯ <1	
Silver	ppm	<1	1	<1	
Manganese	ppm	<b>○</b> <1	2	2	
Vanadium	ppm	0	0	0	

31

03

0 166

0 529

0 0

06

28

5

148

493



DOMINION NICKEL ALLOYS LTD.

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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:	DOMBUR
Unique No:	5681995
Signed:	Wes Davis
Report Date:	16 Nov 2023

0 25

02

130

0 527

◯ <1

04

Submitted By: Trevor Taylor

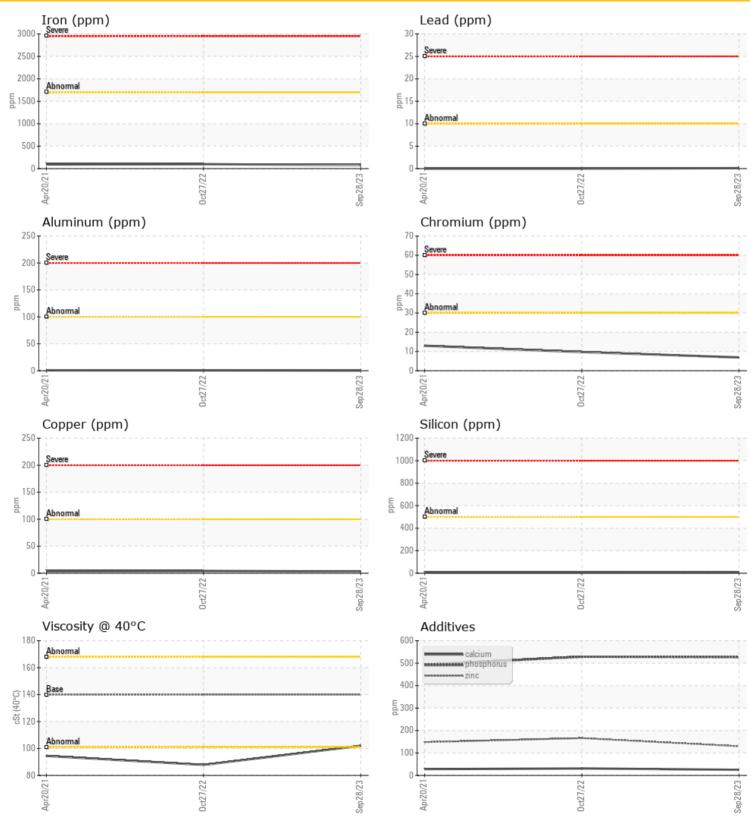






GRAPHS

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