CONSTRUCTION EQUIPMENT



954-4 - Hydraulic System

Sample No: LH0260181

Oil Type:

Boron

PETRO CANADA HYDREX XV ALL SEASON HYDRAULIC OIL

	PLE INFORMATIO			
Sample Number	LH026018		LH0199524	
Sample Date	02 Aug 2		07 Apr 2023	 Gerdau - Mandak Metal Processors Lto
Machine Hours	0	0	0	 1 Railway St., P.O. Box 334
Oil Hours	0	0	0	 Selkirk, MB
Oil Changed	Not Chan	• •	Not Changd	 CA R1A 2B3
Sample Status	ABNORN	IAL NORMAL	NORMAL	 Contact: Santiago Giraldo
				santiago.giraldo@gerdau.com
OIL CO	ONDITION			T:
Visc @ 40°C	cSt 43.9	43.6	○ 43.9	 F: (204)482-8241
	43.9	43.0	43.9	
				Diagnosis
CONT	AMINATION			We recommend you service the
Particles >4µm	52863	○ 5739	7832	 filters on this component. We
Particles >6µm	0 18848	0 1278	2643	 recommend an early resample to
Particles >14µm	0 1213	0 41	388	 monitor this condition.All componen
ISO 4406:1999 (c)	23/21/17	20/17/13	20/19/16	 wear rates are normal. There is a
Silicon	ppm O <1	○ <1	○ <1	 moderate amount of silt (particulates
Sodium	ppm O <1	○ <1	○ <1	 < 14 microns in size) present in the
Potassium	ppm 1	0 <1	○ <1	 oil. The oil is still serviceable provided that the contaminant(s) car
	RMETALS			be reduced to acceptable levels.
Iron	ppm O 3	02	02	
Copper	ppm O 2	01	○ <1	
Lead	ppm	0	0	
Tin	ppm O	00	0	
Aluminum	ppm O <1	0 <1	○ <1	
Chromium	ppm	0 <1	0	
Molybdenum	ppm O	0 0	0	
Nickel	ppm 🔘 <1	○ <1	0	
Titanium	ppm 0	0	0	
Silver	ppm <1	0	0	
Manganese	ppm 🔘 0	0	0	
Vanadium	ppm 0	0	0	
	TIVES			
Calcium	ppm 🔘 88	86	94	
Magnesium	ppm 🔘 14	0 14	0 11	
Zinc	ppm 778	○ 764	0 779	
Phosphorus	ppm 632	617	658	
Barium	ppm 0	0	0	

0 <1

Depot:MANSELUnique No:5631873Signed:Wes DavisReport Date:29 Aug 2023

ppm

<mark>()</mark> <1

0 <1

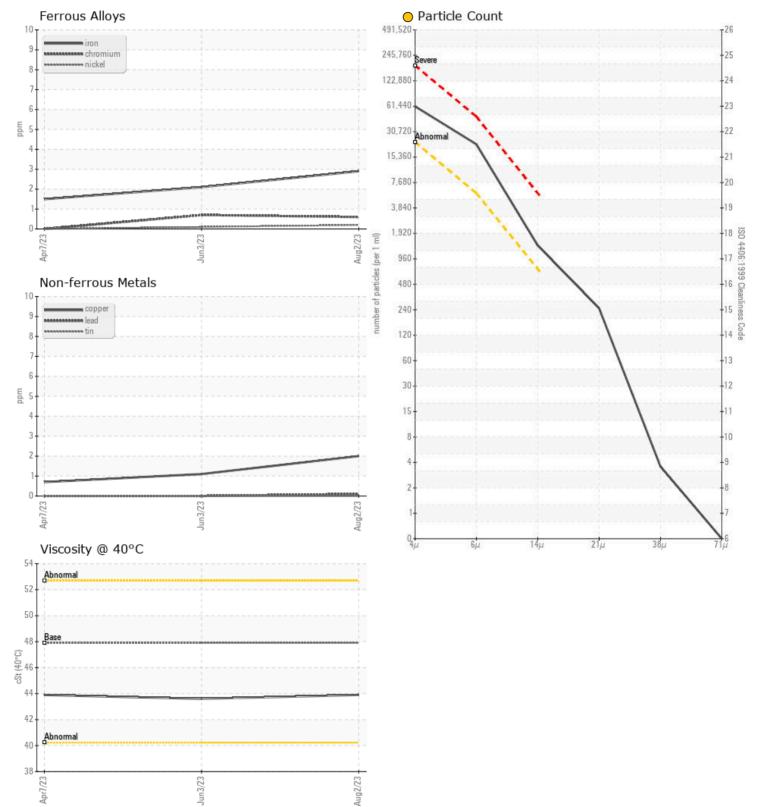
Contact/Location: Santiago Giraldo - MANSEL





GRAPHS

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