- -**CONSTRUCTION EQUIPMENT**

LIEBHERR R936 040309-1148 - Slewing Gearbox

PETRO CANADA TRAXON 75W90 SYNTHETIC

Sample No: LH0192037

Oil Type:

SAMPLE INFORMATION

Sample Number	LH0192037			
Sample Date	29 Nov 2021			
Machine Hours	8386			
Oil Hours	0			
Oil Changed	Not Changd			
Sample Status	SEVERE			

OIL CONDITION

Visc @ 40°C

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0 126 cSt

Silicon	ppm	8			
Sodium	ppm	0 21			
Potassium	ppm	0 1159			

WEA	AR META	LS		
PQ		24	 	
Iron	ppm	0 1326	 	
Copper	ppm	140	 	
Lead	ppm	0 5	 	
Tin	ppm	3	 	
Aluminum	ppm	1	 	
Chromium	ppm	1 6	 	
Molybdenum	ppm	01	 	
Nickel	ppm	0 2	 	
Titanium	ppm	0	 	
Silver	ppm	<1	 	
Manganese	ppm	0 10	 	
Vanadium	ppm	<1	 	

ADDITIVES				
Calcium	ppm	0 86		
Magnesium	ppm	06		
Zinc	ppm	0 25		
Phosphorus	ppm	0 1066		
Barium	ppm	0		
Boron	ppm	1069		





RICHMOND STEEL RECYCLING

11760 MITCHELL ROAD RICHMOND, BC CA V6V 1V8 Contact: Aaron Kaetler AKaetler@richmondsteel.ca T: F: (604)324-8617

Diagnosis

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition.Chromium and iron ppm levels are severe. There is a moderate concentration of water present in the oil. Free water present. The white residue present in the sample is oil additive precipitate. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

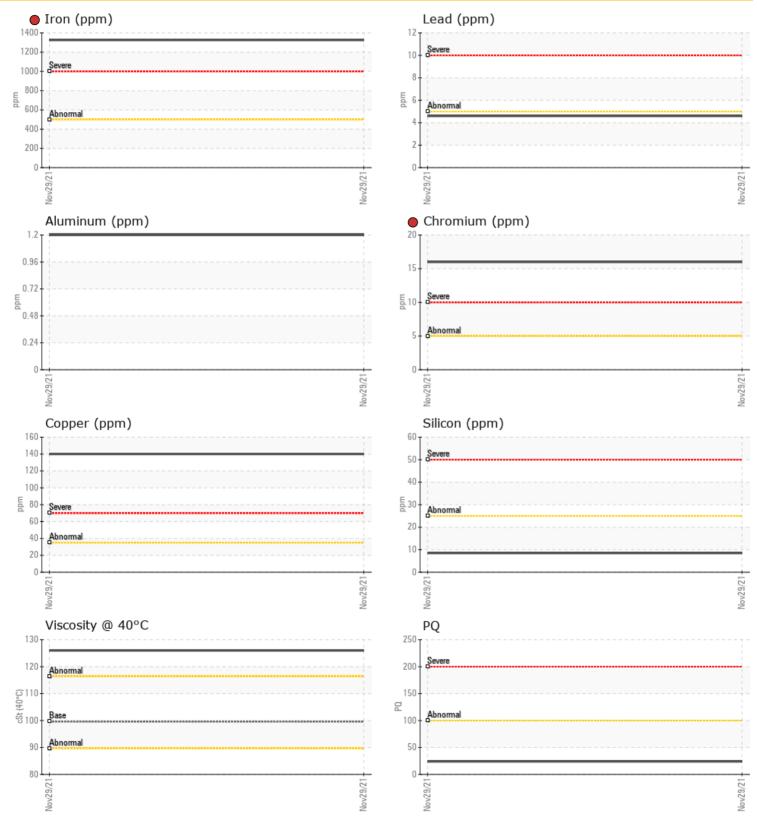
Depot:	RIC117RIC
Unique No:	5319595
Signed:	Kevin Marson
Report Date:	09 Dec 2021





GRAPHS

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Report Id: RIC117RIC [WCAMIS] 02460034 (Generated: 10/20/2023 16:34:45) Rev: 1

Contact/Location: Aaron Kaetler - RIC117RIC