CONSTRUCTION EQUIPMENT





Sample No: LH0270524

Oil Type:

-

PETRO CANADA DURON UHP E6 10W40

0 13.5

61

J SAMPLE INFO	RMATION		
Sample Number	LH0270524	 	
Sample Date	22 Feb 2024	 	
Machine Hours	8976	 	
Oil Hours	0	 	
Oil Changed	Not Changd	 	
Sample Status	ABNORMAL	 	
A			

	DIL CO	NDITION
Visc @ 10	0°C	cSt

cSt Oxidation (PA) %

CONTAMI	

Water	%	NEG	 	
Soot %	%	0.2	 	
Nitration (PA)	%	70	 	
Sulfation (PA)	%	53	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	0 5	 	
Sodium	ppm	02	 	
Potassium	ppm	01	 	

WEAR METALS

Iron	ppm	28	 	
Copper	ppm	02	 	
Lead	ppm	0 🔘	 	
Tin	ppm	0 ()	 	
Aluminum	ppm	<mark>()</mark> 17	 	
Chromium	ppm	01	 	
Molybdenum	ppm	58	 	
Nickel	ppm	○ <1	 	
Titanium	ppm	0	 	
Silver	ppm	0 0	 	
Manganese	ppm	0	 	
Vanadium	ppm	0	 	

	TIVES			
Calcium	ppm	0 1407	 	
Magnesium	ppm	409	 	
Zinc	ppm	0 1108	 	
Phosphorus	ppm	963	 	
Barium	ppm	0	 	
Boron	ppm	95	 	

LIEBHERR CANADA LTD.

1015 SUTTON DRIVE BURLINGTON, ON CA L7L 5Z8 Contact: Joseph Rodgers joseph.rodgers@liebherr.com T: F: (905)319-6622

Diagnosis

We recommend that you drain the oil from the component if this has not already been done. Confirm the source of the lubricant being utilized for top-up/fill. We recommend an early resample to monitor this condition.Aluminum ppm levels are abnormal. Piston wear is indicated. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: LIEMIS Unique No: 5734732 Signed: Kevin Marson Report Date: 23 Feb 2024

Report Id: LIEMIS [WCAMIS] 02617622 (Generated: 02/23/2024 14:27:48) Rev: 1

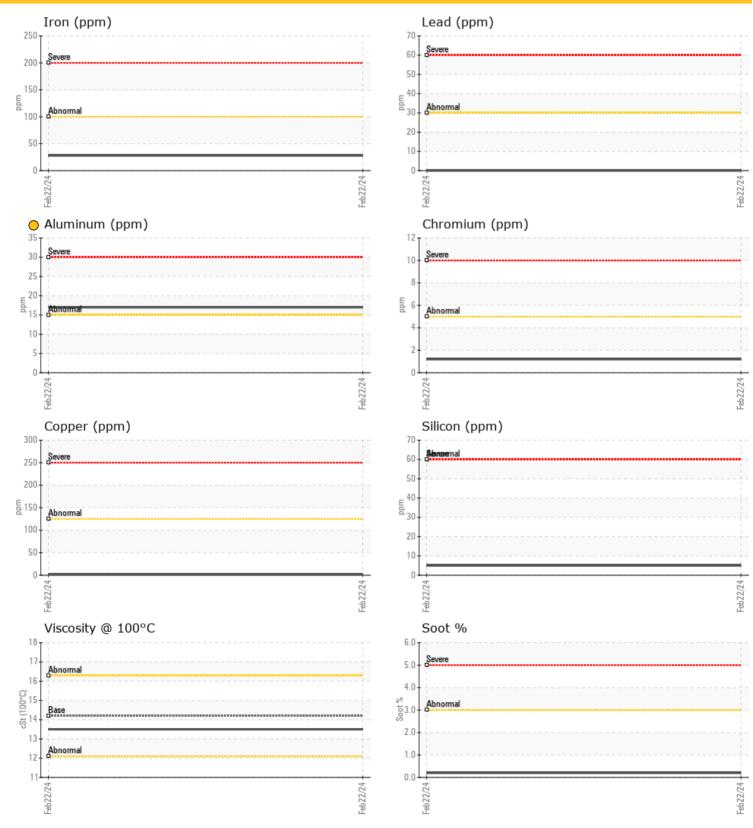
Contact/Location: Joseph Rodgers - LIEMIS





GRAPHS

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Report Id: LIEMIS [WCAMIS] 02617622 (Generated: 02/23/2024 14:27:51) Rev: 1

Contact/Location: Joseph Rodgers - LIEMIS