



CONSTRUCTION EQUIPMENT

E15101 CRAIGE T ELTEC 2FHL277LR0257 - SWING DRIVE



Sample No: VCP418879
Oil Type: PONSSE 75W90
Job No: E15101 CRAIGE T



SAMPLE INFORMATION

Sample Number	VCP418879	---	---	---
Sample Date	20 Oct 2023	---	---	---
Machine Hours	307	---	---	---
Oil Hours	307	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

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CARIBOU, ME
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OIL CONDITION

Visc @ 40°C	cSt	■ 143	---	---	---
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CONTAMINATION

Silicon	ppm	▲ 88	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ <1	---	---	---

Diagnosis
No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Elemental level of silicon (Si) above normal indicating ingress of seal material. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	■ 126	---	---	---
Copper	ppm	■ 34	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	■ 1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	6	---	---	---
Magnesium	ppm	1	---	---	---
Zinc	ppm	18	---	---	---
Phosphorus	ppm	447	---	---	---
Barium	ppm	3	---	---	---
Boron	ppm	99	---	---	---

Depot: VOLVO0010
Unique No: 10724392
Signed: Don Baldrige
Report Date: 03 Nov 2023



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GRAPHS

Iron (ppm)



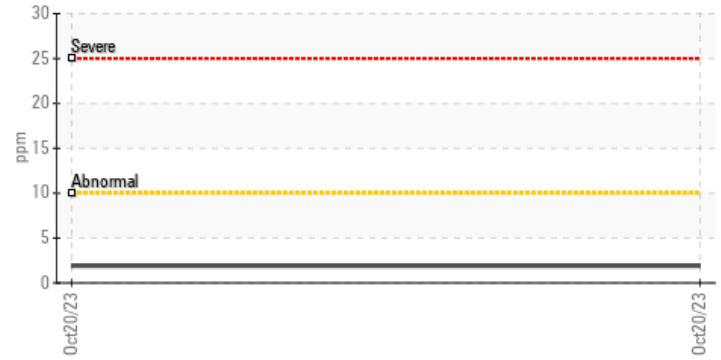
Lead (ppm)



Aluminum (ppm)



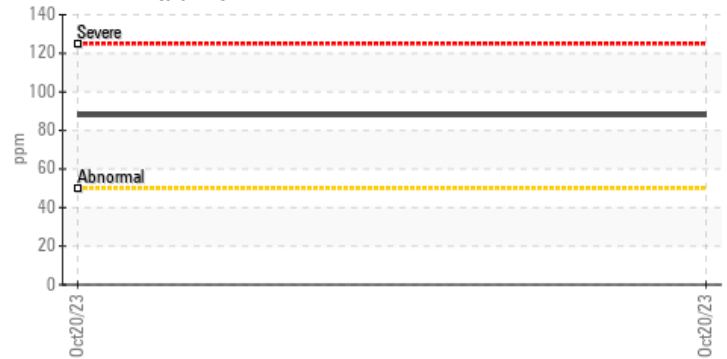
Chromium (ppm)



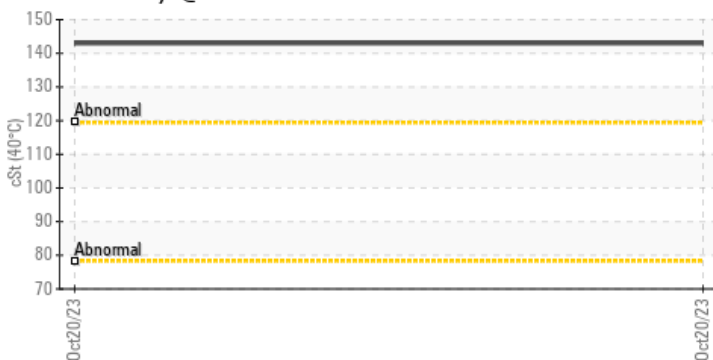
Copper (ppm)



▲ Silicon (ppm)



Viscosity @ 40°C



Additives

