



CONSTRUCTION EQUIPMENT

251417 VOLVO G740B 37431 - TRANSMISSION (MANUAL)



Sample No: VCP252220
Oil Type: TDH FLUID SAE 75W80
Job No: 251417

Strongco Equipment

5179 Fountain St N.
Breslau, ON
CA N0B 1M0
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Diagnosis

We recommend that you drain the fluid from the component if this has not already been done. We recommend an early resample to monitor this condition. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) TDH FLUID SAE 75W80. Please confirm. PQ levels are abnormal. Light concentration of visible metal present. The high ferrous density (PQ) index indicates that abnormal wear is occurring. There is no indication of any contamination in the fluid. The fluid is no longer serviceable as a result of the abnormal and/or severe wear.



SAMPLE INFORMATION

Sample Number		VCP252220	---	---	---
Sample Date		24 Jul 2020	---	---	---
Machine Hours		8509	---	---	---
Oil Hours		0	---	---	---
Oil Changed		N/A	---	---	---
Sample Status		ABNORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	■ 49.0	---	---	---
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CONTAMINATION

Silicon	ppm	■ 19	---	---	---
Sodium	ppm	■ 1	---	---	---
Potassium	ppm	■ 1	---	---	---



WEAR METALS

PQ		▲ 183	---	---	---
Iron	ppm	■ 104	---	---	---
Copper	ppm	■ 6	---	---	---
Lead	ppm	■ 4	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 15	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 2622	---	---	---
Magnesium	ppm	■ 187	---	---	---
Zinc	ppm	■ 1085	---	---	---
Phosphorus	ppm	■ 964	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 26	---	---	---

Depot: CASKIT
 Unique No: 5082765
 Signed: Kevin Marson
 Report Date: 29 Jul 2020

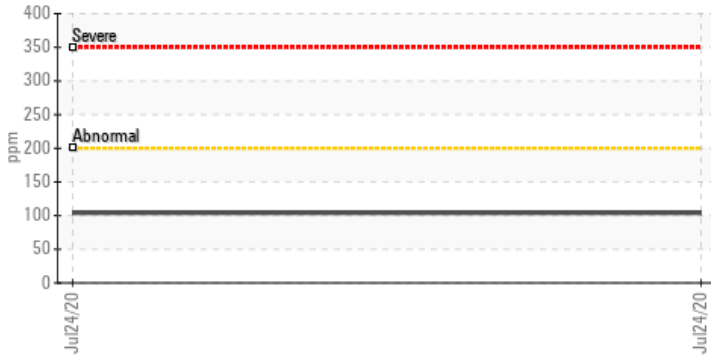


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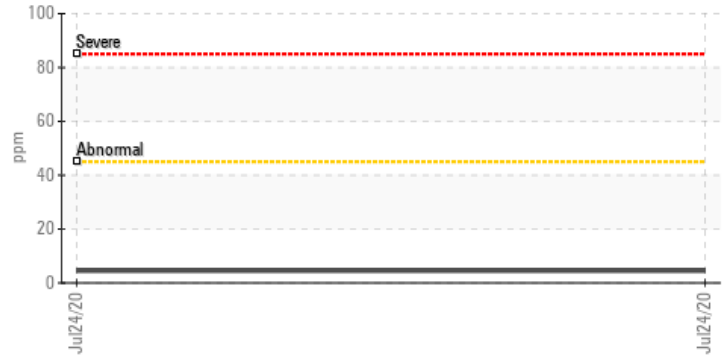


GRAPHS

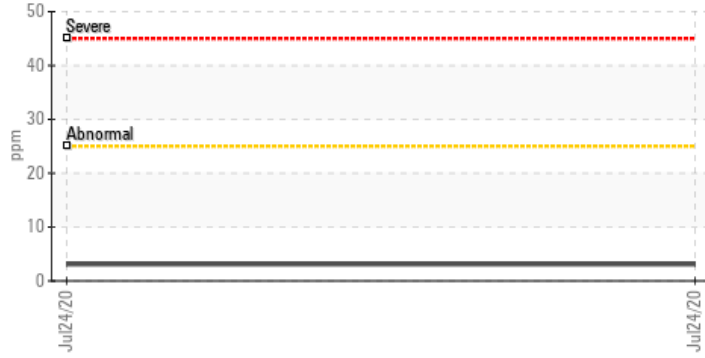
Iron (ppm)



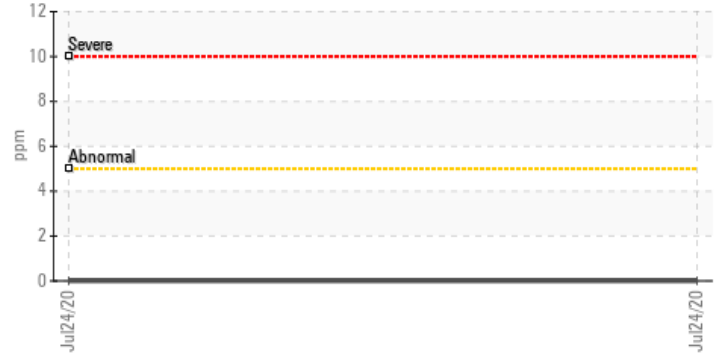
Lead (ppm)



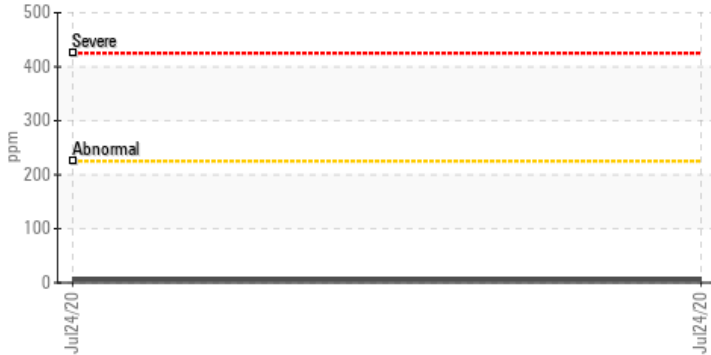
Aluminum (ppm)



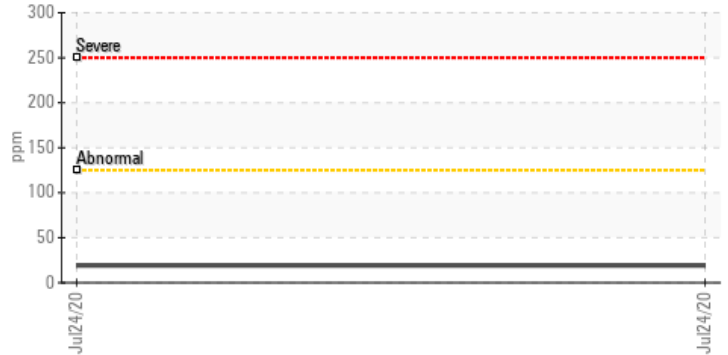
Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



▲ PQ

