



CONSTRUCTION EQUIPMENT

SPM565866 CATERPILLAR D8T KPZ01336 - TRANSMISSION (MANUAL)



Sample No: VCP422842
Oil Type: TDTO FLUID SAE 30
Job No: SPM565866



SAMPLE INFORMATION

Sample Number	VCP422842	VCP400811	---	---
Sample Date	10 Jul 2023	21 Feb 2023	---	---
Machine Hours	8558	7449	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

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 5000 INDUSTRIAL HWY
 GARY, IN
 US 46406
 Contact: DAVE ENG
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 F:



OIL CONDITION

Visc @ 40°C	cSt	86.5	88.6	---	---
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CONTAMINATION

Silicon	ppm	6	7	---	---
Sodium	ppm	<1	1	---	---
Potassium	ppm	0	0	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	12	12	---	---
Copper	ppm	<1	<1	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	1	<1	---	---
Chromium	ppm	0	0	---	---
Molybdenum	ppm	24	2	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	2572	2910	---	---
Magnesium	ppm	95	35	---	---
Zinc	ppm	1124	1266	---	---
Phosphorus	ppm	912	994	---	---
Barium	ppm	0	0	---	---
Boron	ppm	150	4	---	---

Depot: VOLVO8885
Unique No: 10574706
Signed: Sean Felton
Report Date: 28 Jul 2023

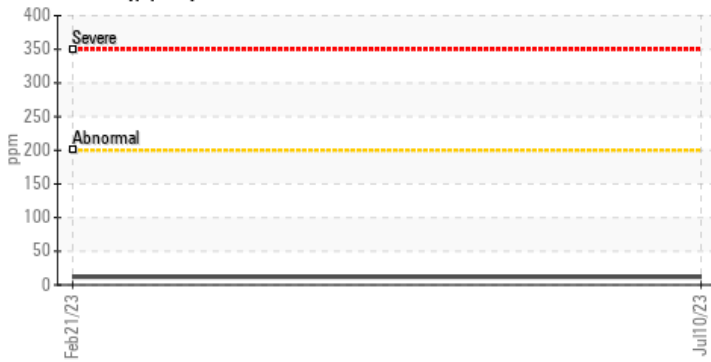


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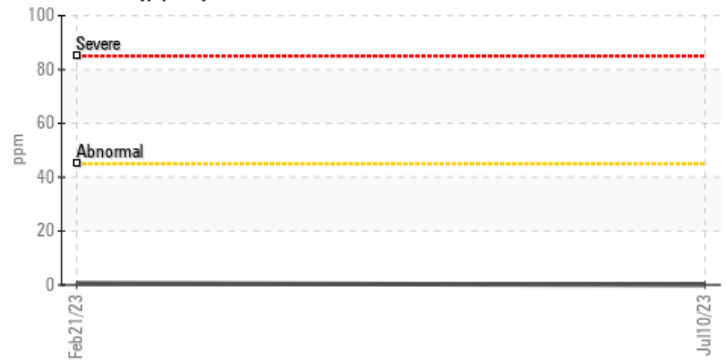


GRAPHS

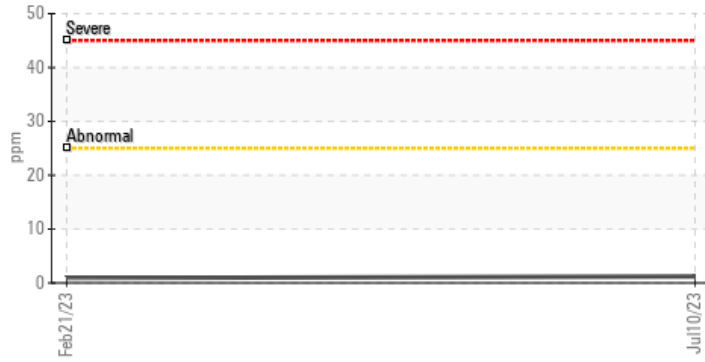
Iron (ppm)



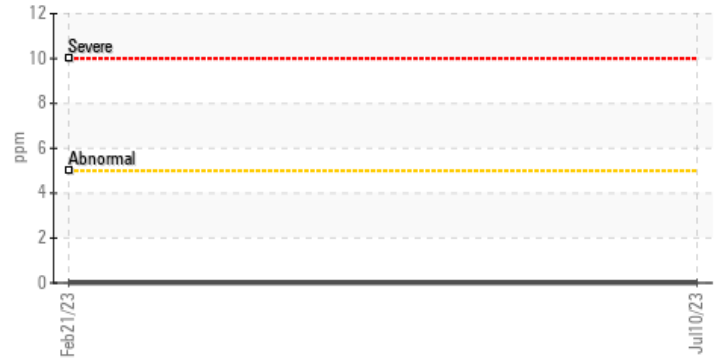
Lead (ppm)



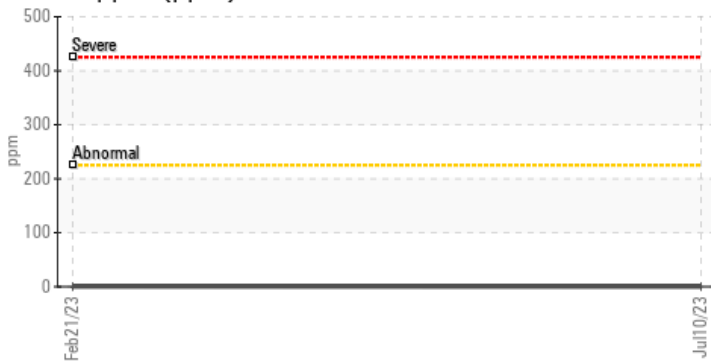
Aluminum (ppm)



Chromium (ppm)



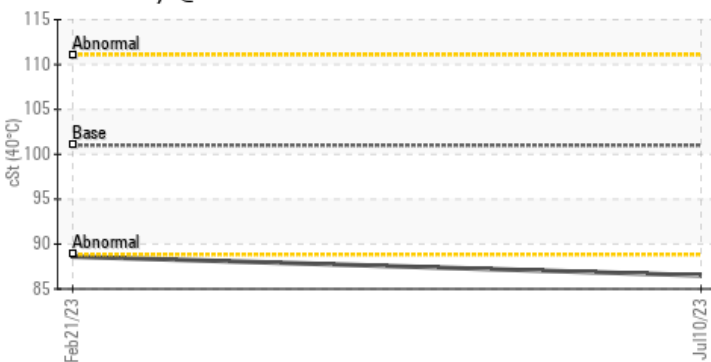
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

