



CONSTRUCTION EQUIPMENT

729 SENNEBOGEN 835E 835.0.2394 - TRANSMISSION



Sample No: VCP424149
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 729



SAMPLE INFORMATION

Sample Number	VCP424149	VCP397592	---	---
Sample Date	04 Nov 2023	07 Feb 2023	---	---
Machine Hours	11082	9773	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ABNORMAL	---	---

SIMS METAL
 130 NORTH 12TH ST
 SACRAMENTO, CA
 US 95814
 Contact: EVERT



OIL CONDITION

Visc @ 40°C	cSt	70.3	63.9	---	---
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T: (916)769-7864
 F:



CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	7	6	---	---
Sodium	ppm	9	18	---	---
Potassium	ppm	2	1	---	---

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	21	29	---	---
Copper	ppm	31	49	---	---
Lead	ppm	0	2	---	---
Tin	ppm	<1	2	---	---
Aluminum	ppm	2	3	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	32	21	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	6	10	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	2155	2511	---	---
Magnesium	ppm	388	262	---	---
Zinc	ppm	1168	1149	---	---
Phosphorus	ppm	1028	968	---	---
Barium	ppm	0	0	---	---
Boron	ppm	67	45	---	---

Depot: SIMSACCA
Unique No: 10754687
Signed: Sean Felton
Report Date: 27 Nov 2023

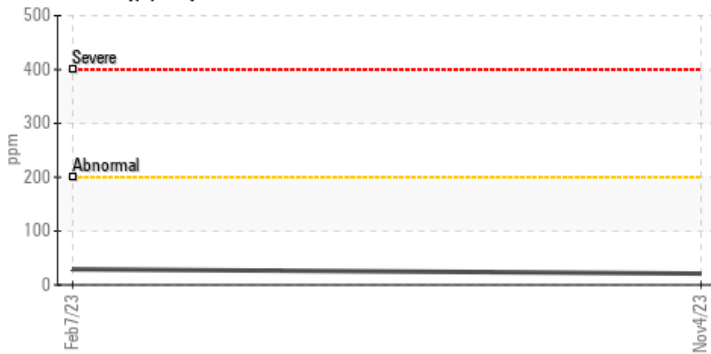


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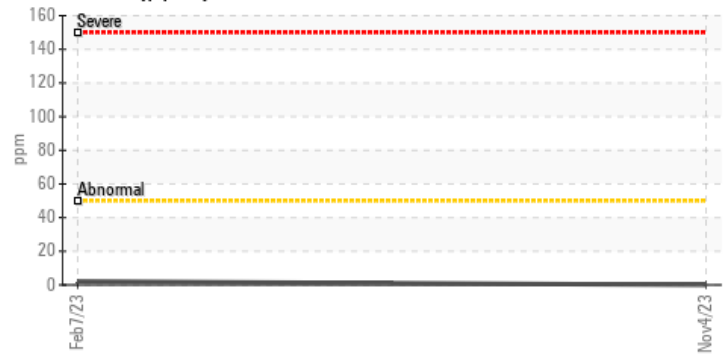


GRAPHS

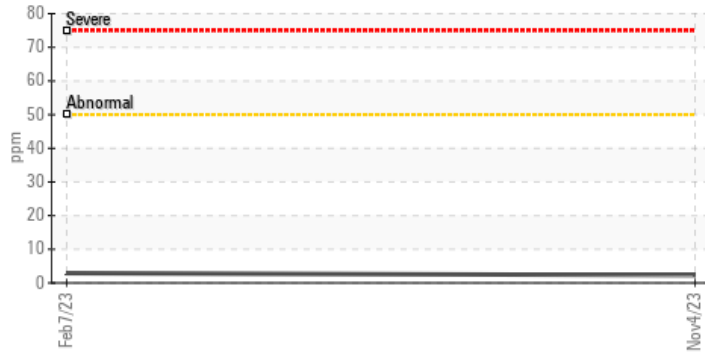
Iron (ppm)



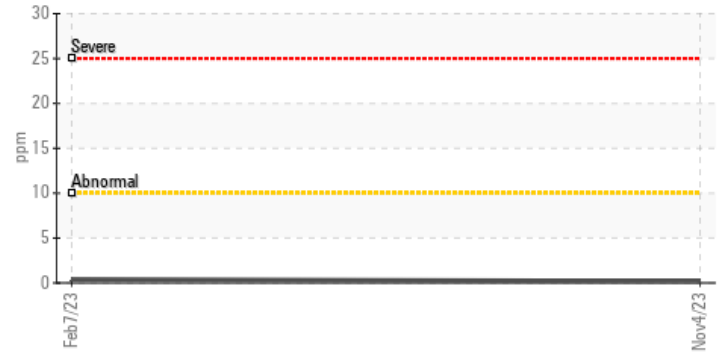
Lead (ppm)



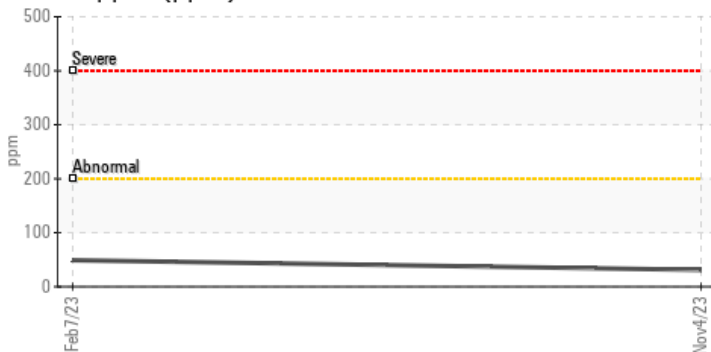
Aluminum (ppm)



Chromium (ppm)



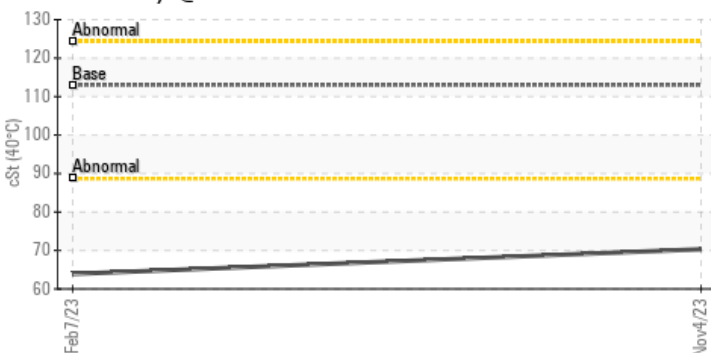
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

