



CONSTRUCTION EQUIPMENT

VOLVO SD115B 23654 - TRANSMISSION



Sample No: VCP414212
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No:

SAMPLE INFORMATION

Sample Number	VCP414212	---	---	---
Sample Date	31 Jul 2023	---	---	---
Machine Hours	5182	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

RIPA AND ASSOCIATES
 10149 FISHER AVENUE
 TAMPA, FL
 US 33619
 Contact: ROBERT TURNER
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 T:
 F:

OIL CONDITION

Visc @ 40°C	cSt	■ 55.4	---	---	---
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CONTAMINATION

Silicon	ppm	■ <1	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 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	■ 8	---	---	---
Copper	ppm	■ 5	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 0	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	■ 0	---	---	---

ADDITIVES

Calcium	ppm	■ 92	---	---	---
Magnesium	ppm	■ 14	---	---	---
Zinc	ppm	■ 457	---	---	---
Phosphorus	ppm	■ 376	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 2	---	---	---

Depot: RIPTAM
Unique No: 10606427
Signed: Don Baldrige
Report Date: 17 Aug 2023



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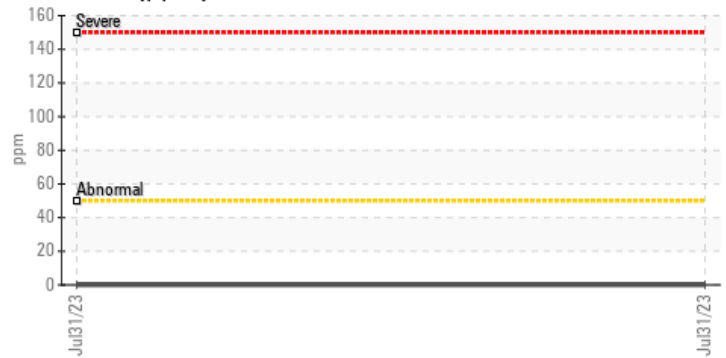


GRAPHS

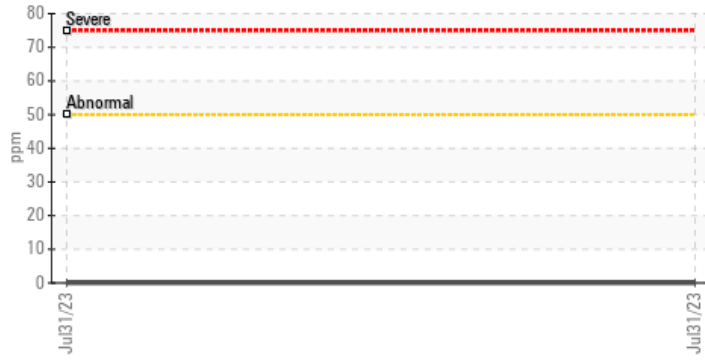
Iron (ppm)



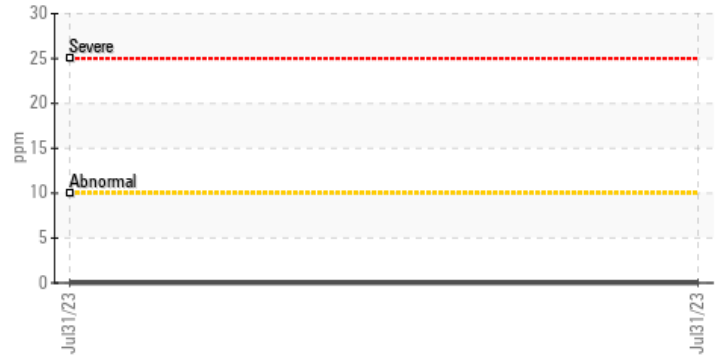
Lead (ppm)



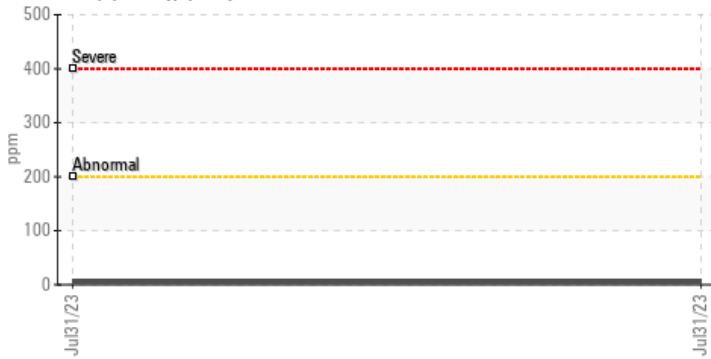
Aluminum (ppm)



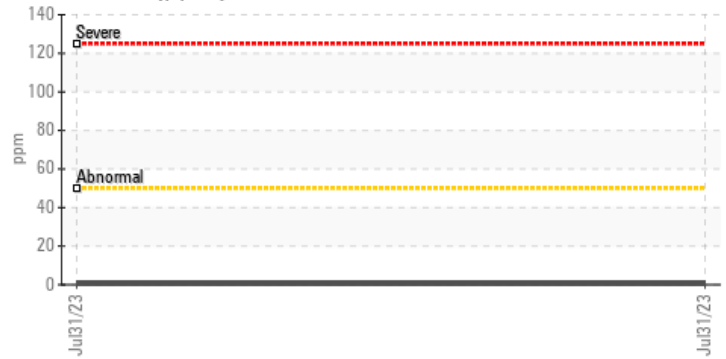
Chromium (ppm)



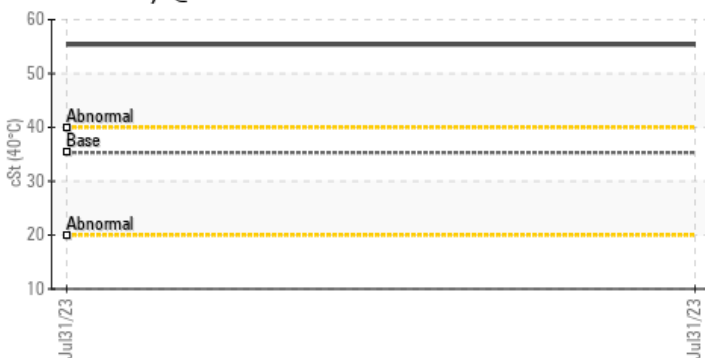
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

