



CONSTRUCTION EQUIPMENT

SWO-069572 VOLVO L180H 5715 - FRONT AXLE



Sample No: VCP441235
Oil Type: {unknown}
Job No: SWO-069572



SAMPLE INFORMATION

Sample Number	VCP441235	VCP0004656	---	---
Sample Date	08 Feb 2024	21 Jul 2023	---	---
Machine Hours	1600	670	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

DUNN CONSTRUCTION INC
318 N 14TH ST
BELLEVUE, IA
US 52031
Contact: STEVE DUNN
DUNNCONSTRUCTINC@GMAIL.COM
T:
F:



OIL CONDITION

Visc @ 40°C	cSt	42.7	41.4	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	22	11	---	---
Sodium	ppm	1	3	---	---
Potassium	ppm	6	<1	---	---

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	202	60	---	---
Copper	ppm	4	<1	---	---
Lead	ppm	1	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	1	1	---	---
Chromium	ppm	7	2	---	---
Molybdenum	ppm	8	4	---	---
Nickel	ppm	2	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	13	4	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	4996	4080	---	---
Magnesium	ppm	15	12	---	---
Zinc	ppm	2227	1716	---	---
Phosphorus	ppm	1719	1392	---	---
Barium	ppm	0	0	---	---
Boron	ppm	170	144	---	---

Depot: DUNBEL
Unique No: 10883444
Signed: Wes Davis
Report Date: 16 Feb 2024



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GRAPHS

