



CONSTRUCTION EQUIPMENT

SWO-069572 VOLVO L180H 5715 - REAR AXLE



Sample No: VCP446973
Oil Type: TRANSAXLE OIL SAE 75W80
Job No: SWO-069572



SAMPLE INFORMATION

Sample Number	VCP446973	VCP0004657	---	---
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	---	---

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US 52031
Contact: STEVE DUNN
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T:
F:



OIL CONDITION

Visc @ 40°C	cSt	█ 42.2	█ 41.3	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 16	█ 10	---	---
Sodium	ppm	█ 0	█ 4	---	---
Potassium	ppm	█ 4	█ <1	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) TRANSAXLE OIL SAE 75W80. Please confirm.



WEAR METALS

Iron	ppm	█ 112	█ 40	---	---
Copper	ppm	█ 3	█ <1	---	---
Lead	ppm	█ 1	█ 0	---	---
Tin	ppm	█ <1	█ 0	---	---
Aluminum	ppm	█ 1	█ 1	---	---
Chromium	ppm	█ 4	█ 2	---	---
Molybdenum	ppm	█ 4	█ 3	---	---
Nickel	ppm	█ 1	█ 0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	█ 7	█ 2	---	---
Vanadium	ppm	<1	0	---	---

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.



ADDITIVES

Calcium	ppm	█ 3641	█ 4088	---	---
Magnesium	ppm	█ 11	█ 11	---	---
Zinc	ppm	█ 1546	█ 1703	---	---
Phosphorus	ppm	█ 1292	█ 1366	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 126	█ 143	---	---

Depot: DUNBEL
Unique No: 10883443
Signed: Wes Davis
Report Date: 16 Feb 2024



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GRAPHS

