



CONSTRUCTION EQUIPMENT

VOLVO L180H 5035 - FRONT AXLE



Sample No: VCP433527
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No:



SAMPLE INFORMATION

Sample Number	VCP433527	VCP337363	VCP280156	---
Sample Date	24 Oct 2023	16 Aug 2021	20 Jul 2020	---
Machine Hours	11898	6535	4264	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Not Changd	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
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OIL CONDITION

Visc @ 40°C	cSt	42.0	42.0	38.9	---
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CONTAMINATION

Silicon	ppm	13	9	9	---
Sodium	ppm	0	7	4	---
Potassium	ppm	3	<1	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 oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	71	51	28	---
Copper	ppm	18	20	23	---
Lead	ppm	0	0	<1	---
Tin	ppm	<1	0	0	---
Aluminum	ppm	1	0	<1	---
Chromium	ppm	<1	1	<1	---
Molybdenum	ppm	<1	5	<1	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	<1	<1	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	1	1	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	3940	4080	3328	---
Magnesium	ppm	14	16	6	---
Zinc	ppm	1563	1508	1493	---
Phosphorus	ppm	1328	1361	1272	---
Barium	ppm	0	0	0	---
Boron	ppm	144	155	99	---

Depot: VOLVO0090
Unique No: 10713950
Signed: Wes Davis
Report Date: 27 Oct 2023



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GRAPHS

