



CONSTRUCTION EQUIPMENT

W14836 VOLVO A40G 353426 - WET DISC BRAKE



Sample No: VCP441916
Oil Type: VOLVO SUPER WET BRAKE TRANSAXLE OIL WB102
Job No: W14836



SAMPLE INFORMATION

Sample Number	VCP441916	---	---	---
Sample Date	13 Oct 2023	---	---	---
Machine Hours	966	---	---	---
Oil Hours	1000	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	NORMAL	---	---	---

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 T:
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OIL CONDITION

Visc @ 40°C	cSt	█ 41.6	---	---	---
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CONTAMINATION

Silicon	ppm	█ 17	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 3	---	---	---

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	█ 13	---	---	---
Copper	ppm	█ 25	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 4	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 4049	---	---	---
Magnesium	ppm	█ 8	---	---	---
Zinc	ppm	█ 1689	---	---	---
Phosphorus	ppm	█ 1408	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 136	---	---	---

Depot: VOLVO0080
Unique No: 10702439
Signed: Don Baldrige
Report Date: 23 Oct 2023



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GRAPHS

