



CONSTRUCTION EQUIPMENT

A09192 VOLVO A30G 740078 - WET DISC BRAKE



Sample No: VCP365707
Oil Type: MOBIL WB 102
Job No: A09192



SAMPLE INFORMATION

Sample Number	VCP365707	VCP288986	---	---
Sample Date	10 Nov 2022	04 Nov 2020	---	---
Machine Hours	4945	3630	---	---
Oil Hours	1000	3630	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	44.5	47.5	---	---
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CONTAMINATION

Silicon	ppm	16	20	---	---
Sodium	ppm	4	<1	---	---
Potassium	ppm	0	<1	---	---



WEAR METALS

Iron	ppm	17	20	---	---
Copper	ppm	187	227	---	---
Lead	ppm	3	<1	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	3	0	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	2972	3001	---	---
Magnesium	ppm	15	10	---	---
Zinc	ppm	1297	1182	---	---
Phosphorus	ppm	1026	1099	---	---
Barium	ppm	0	0	---	---
Boron	ppm	81	77	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level is abnormal. All other component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.

Depot: KCCIVY
Unique No: 10227333
Signed: Don Baldrige
Report Date: 20 Nov 2022



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GRAPHS

