



CONSTRUCTION EQUIPMENT

SUPERIOR VOLVO A30G 753239 - TRANSMISSION (AUTO)



Sample No: VCP441532
Oil Type: DIESEL ENGINE OIL SAE 15W40
Job No: SUPERIOR



SAMPLE INFORMATION

Sample Number	VCP441532	VCP386695	---	---
Sample Date	17 Feb 2024	19 Sep 2023	---	---
Machine Hours	1261	610	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	Not Changd	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	33.9	31.6	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	14	14	---	---
Sodium	ppm	7	2	---	---
Potassium	ppm	4	60	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the fluid. The fluid viscosity is lower than normal. Additive levels indicate the addition of a different brand, or type of fluid. Confirm oil type.



WEAR METALS

Iron	ppm	27	22	---	---
Copper	ppm	20	16	---	---
Lead	ppm	1	<1	---	---
Tin	ppm	3	2	---	---
Aluminum	ppm	18	10	---	---
Chromium	ppm	0	0	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	<1	2	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	4	3	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	61	75	---	---
Magnesium	ppm	<1	<1	---	---
Zinc	ppm	3	5	---	---
Phosphorus	ppm	174	195	---	---
Barium	ppm	<1	0	---	---
Boron	ppm	73	113	---	---

Depot: VOLVO0093
Unique No: 10900857
Signed: Don Baldrige
Report Date: 29 Feb 2024



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GRAPHS

