



CONSTRUCTION EQUIPMENT

RANGO VOLVO A60H 350117 - TRANSMISSION



Sample No: VCP395793
Oil Type: DIESEL ENGINE OIL SAE 15W40
Job No: RANGO



SAMPLE INFORMATION

Sample Number	VCP395793	VCP395796	---	---
Sample Date	29 Mar 2024	28 Mar 2024	---	---
Machine Hours	8958	8958	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	ABNORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	84.7	83.9	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	10	11	---	---
Sodium	ppm	3	3	---	---
Potassium	ppm	5	5	---	---

Diagnosis

We recommend you service the filters on this component. Resample at the next service interval to monitor. Moderate concentration of visible metal present. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	12	14	---	---
Copper	ppm	11	11	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	16	18	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	6	5	---	---
Nickel	ppm	2	2	---	---
Titanium	ppm	83	81	---	---
Silver	ppm	5	5	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	1	1	---	---



ADDITIVES

Calcium	ppm	1701	1673	---	---
Magnesium	ppm	428	424	---	---
Zinc	ppm	1165	1159	---	---
Phosphorus	ppm	1115	1121	---	---
Barium	ppm	0	0	---	---
Boron	ppm	211	209	---	---

Depot: VOLVO6174
Unique No: 11020492
Signed: Don Baldrige
Report Date: 13 May 2024



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GRAPHS

