



CONSTRUCTION EQUIPMENT

SWO-069775 VOLVO A60H 350021 - TRANSMISSION



Sample No: VCP416169
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: SWO-069775



SAMPLE INFORMATION

Sample Number	VCP416169	VCP427449	VCP424639	VCP402439
Sample Date	15 Feb 2024	25 Sep 2023	12 Jun 2023	03 Mar 2023
Machine Hours	7887	7398	6877	6375
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	80.0	85.9	86.2	93.4
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	8	9	16	10
Sodium	ppm	2	2	<1	2
Potassium	ppm	2	0	2	<1

Diagnosis

Resample at the next service interval to monitor. 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	5	3	6	3
Copper	ppm	2	2	2	1
Lead	ppm	<1	0	0	<1
Tin	ppm	<1	0	0	<1
Aluminum	ppm	2	4	2	0
Chromium	ppm	<1	0	0	0
Molybdenum	ppm	61	40	44	41
Nickel	ppm	1	<1	<1	0
Titanium	ppm	<1	0	<1	0
Silver	ppm	5	7	6	2
Manganese	ppm	<1	<1	<1	1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	1232	1751	1686	1668
Magnesium	ppm	451	531	496	513
Zinc	ppm	849	1178	1059	1047
Phosphorus	ppm	726	1006	937	873
Barium	ppm	1	0	2	0
Boron	ppm	94	84	83	73

Depot: SAIBIR
Unique No: 10900336
Signed: Jonathan Hester
Report Date: 29 Feb 2024



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GRAPHS

