



CONSTRUCTION EQUIPMENT

VOLVO A60H 350 190 - TRANSMISSION



Sample No: VCP444503
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No:



SAMPLE INFORMATION

Sample Number	VCP444503	VCP447575	VCP433956	VCP395362
Sample Date	15 Apr 2024	12 Dec 2023	05 Sep 2023	05 May 2023
Machine Hours	3617	3131	2618	2128
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Changed	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	85.0	81.9	84.3	82.3
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	7	6	8	8
Sodium	ppm	2	3	3	3
Potassium	ppm	0	0	<1	<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	4	6	7	11
Copper	ppm	3	8	7	20
Lead	ppm	0	0	<1	0
Tin	ppm	<1	0	<1	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	<1	0	0	<1
Molybdenum	ppm	43	41	41	42
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	<1	<1
Silver	ppm	10	33	31	79
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	1646	1687	1778	1688
Magnesium	ppm	505	521	547	536
Zinc	ppm	1092	1104	1157	1113
Phosphorus	ppm	958	975	998	961
Barium	ppm	0	0	0	0
Boron	ppm	86	82	90	77

Depot: SAIBIR
Unique No: 11004121
Signed: Jonathan Hester
Report Date: 01 May 2024

VOLVO GRAPHS

