

CONSTRUCTION EQUIPMENT

SWO-064541 VOLVO A60H 350051 - WET DISC BRAKE



Sample No: VCP416407

Oil Type: NOT GIVEN

Job No: SWO-064541

SAMPLE	INFORMATION				
Sample Number		VCP416407	VCP341925	VCP320442	VCP309378
Sample Date		03 Aug 2023	16 Nov 2021	24 Aug 2021	17 Feb 2021
Machine Hours		6858	3885	3354	2399
Oil Hours		0	0	0	0
Oil Changed		Not Changd	Changed	Not Changd	Not Changd
Sample Status		ABNORMAL	ABNORMAL	ABNORMAL	NORMAL
OIL CON	DITION				
Visc @ 40°C	cSt	45.4	□ 41.4	40.4	1 40.2
VISC @ 40 C	CSL	45.4	41.4	40.4	40.2
VOLVO					
CONTAM	IINATION				
Water	%		△ 0.491		
Silicon	ppm	23	2 4	■19	2 3
Sodium	ppm	0	7	7	9
Potassium	ppm	■ 3	2	0	0
WEAR M	IETALS				
Iron	ppm	68	■ 86	4 9	6 6
Copper	ppm	△ 386	△ 501	429	311
Lead	ppm		- <1		1
Tin	ppm	■0	- <1	0	0
Aluminum	ppm	4	2	1	1
Chromium	ppm		- <1	- <1	- <1
Molybdenum	ppm	3	<1	0	0
Nickel	ppm	4	5	4	3
Titanium	ppm	<1	<1	<1	<1
Silver	ppm	<1	<1	<1	<1
Manganese	ppm	3	4	3	2
Vanadium	ppm	0	<1	<1	1
ADDITIV	IES				
Calcium	ppm	3463	4020	3821	3774
Magnesium	ppm	30	12	10	8
Zinc	ppm	1317	1419	1473	1536
Phosphorus	ppm	1180	1339	1290	1176
Barium	ppm	0	0	0	0
Boron	ppm	117	128	115	105

SAIIA CONSTRUCTION LLC

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Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level is abnormal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

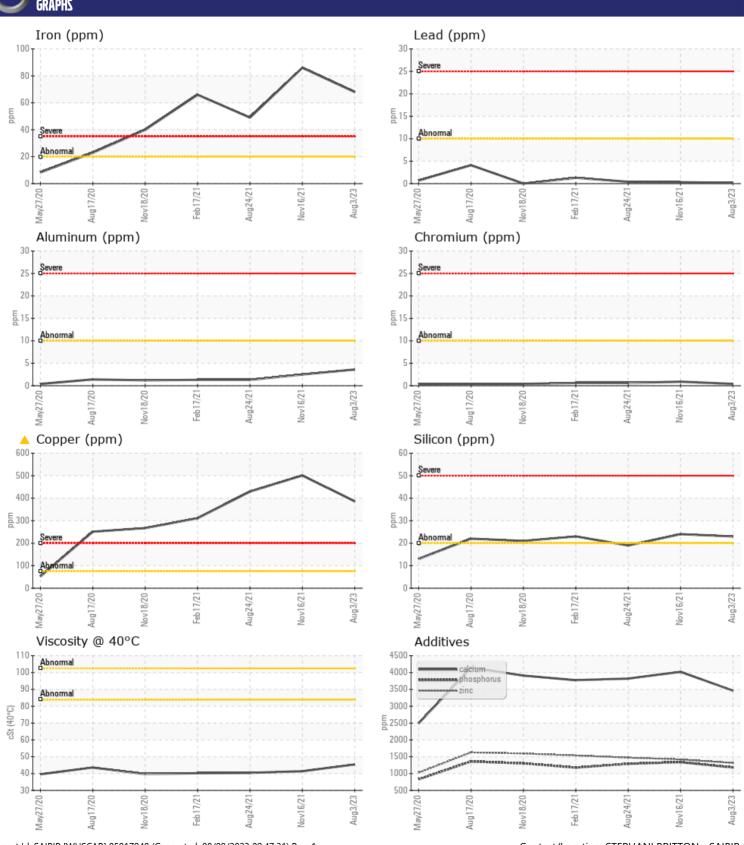
Depot:SAIBIRUnique No:10589862Signed:Don BaldridgeReport Date:09 Aug 2023



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Contact/Location: STEPHANI BRITTON - SAIBIR