



CONSTRUCTION EQUIPMENT

VOLVO A45G 352022 - DROP BOX



Sample No: VCP365370
Oil Type: TDTO FLUID SAE 50
Job No:



SAMPLE INFORMATION

Sample Number	VCP365370	VCP409131	VCP393407	VCP391367
Sample Date	18 Sep 2023	05 Jul 2023	22 Mar 2023	03 Jan 2023
Machine Hours	5727	5383	4982	4608
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

DUNN CONSTRUCTION INC
 318 N 14TH ST
 BELLEVUE, IA
 US 52031
 Contact: STEVE DUNN
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 T:
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OIL CONDITION

Visc @ 40°C	cSt	138	138	150	151
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CONTAMINATION

Silicon	ppm	14	12	46	39
Sodium	ppm	0	0	1	2
Potassium	ppm	2	2	1	0



WEAR METALS

Iron	ppm	76	39	223	223
Copper	ppm	3	2	4	3
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	<1
Aluminum	ppm	2	2	5	4
Chromium	ppm	<1	<1	5	5
Molybdenum	ppm	4	2	14	13
Nickel	ppm	<1	0	2	2
Titanium	ppm	<1	<1	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	4	4
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	39	39	29	33
Magnesium	ppm	2	1	3	3
Zinc	ppm	21	17	28	3
Phosphorus	ppm	1161	1173	1707	1668
Barium	ppm	<1	<1	0	0
Boron	ppm	57	48	114	105

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: DUNBEL
Unique No: 10702403
Signed: Don Baldrige
Report Date: 23 Oct 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

