



CONSTRUCTION EQUIPMENT

VOLVO A45G 352022 - DROP BOX



Sample No: VCP409131

Oil Type: OG 80W90

Job No:



SAMPLE INFORMATION

Sample Number	VCP409131	VCP393407	VCP391367	VCP338618
Sample Date	05 Jul 2023	22 Mar 2023	03 Jan 2023	04 Mar 2022
Machine Hours	5383	4982	4608	3839
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ATTENTION

DUNN CONSTRUCTION INC

318 N 14TH ST
BELLEVUE, IA
US 52031

Contact: STEVE DUNN
DUNNCONSTRUCTINC@GMAIL.COM

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OIL CONDITION

Visc @ 40°C	cSt	138	150	151	85.3
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CONTAMINATION

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



WEAR METALS

Iron	ppm	39	223	223	458
Copper	ppm	2	4	3	16
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	<1	<1
Aluminum	ppm	2	5	4	8
Chromium	ppm	<1	5	5	9
Molybdenum	ppm	2	14	13	8
Nickel	ppm	0	2	2	3
Titanium	ppm	<1	<1	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	4	4	8
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	39	29	33	2107
Magnesium	ppm	1	3	3	35
Zinc	ppm	17	28	3	816
Phosphorus	ppm	1173	1707	1668	1129
Barium	ppm	<1	0	0	0
Boron	ppm	48	114	105	52

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: 10702406
Signed: Wes Davis
Report Date: 23 Oct 2023



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GRAPHS

