



CONSTRUCTION EQUIPMENT

VOLVO A45G 352022 - DROP BOX



Sample No: VCP382703
Oil Type: GEAR OIL SAE 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP382703	VCP365370	VCP409131	VCP393407
Sample Date	21 Nov 2023	18 Sep 2023	05 Jul 2023	22 Mar 2023
Machine Hours	6163	5727	5383	4982
Oil Hours	1000	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

DUNN CONSTRUCTION INC
 318 N 14TH ST
 BELLEVUE, IA
 US 52031
 Contact: STEVE DUNN
 DUNNCONSTRUCTINC@GMAIL.COM
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	141	138	138	150
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	15	14	12	46
Sodium	ppm	0	0	0	1
Potassium	ppm	1	2	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 oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	73	76	39	223
Copper	ppm	3	3	2	4
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	1	2	2	5
Chromium	ppm	1	<1	<1	5
Molybdenum	ppm	4	4	2	14
Nickel	ppm	<1	<1	0	2
Titanium	ppm	<1	<1	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	4
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	8	39	39	29
Magnesium	ppm	1	2	1	3
Zinc	ppm	0	21	17	28
Phosphorus	ppm	1135	1161	1173	1707
Barium	ppm	0	<1	<1	0
Boron	ppm	65	57	48	114

Depot: DUNBEL
Unique No: 10765661
Signed: Wes Davis
Report Date: 30 Nov 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

