



CONSTRUCTION EQUIPMENT

VOLVO A45G 79 (S/N 342558) - DROP BOX



Sample No: VCP06152670
Oil Type: PETRO CANADA TRAXON 85W140
Job No:



SAMPLE INFORMATION

Sample Number	VCP06152670	VCP405321	VCP396275	VCP249948
Sample Date	02 Apr 2024	01 Oct 2023	04 Feb 2023	21 Feb 2020
Machine Hours	0	12523	10737	3306
Oil Hours	0	500	0	0
Oil Changed	N/A	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	ATTENTION	ATTENTION

J.M. HUBER
 10322 HWY 53 E
 MARBLE HILL, GA
 US 30148
 Contact: GEORGE GIBSON
 george.gibson@huber.com
 T: (770)893-7602
 F:



OIL CONDITION

Visc @ 40°C	cSt	156	151.0	346	48.8
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	8	8	10	31
Sodium	ppm	3	2	1	9
Potassium	ppm	2	1	0	5

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	205	186	383	301
Copper	ppm	5	5	3	10
Lead	ppm	0	<1	0	<1
Tin	ppm	<1	0	<1	0
Aluminum	ppm	3	3	6	15
Chromium	ppm	2	2	8	3
Molybdenum	ppm	8	7	15	7
Nickel	ppm	1	2	4	2
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	2	2	4	4
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	31	49	33	26
Magnesium	ppm	4	4	7	4
Zinc	ppm	8	11	18	92
Phosphorus	ppm	1057	1036	865	1774
Barium	ppm	0	0	0	<1
Boron	ppm	262	253	177	148

Depot: JMHMAR
Unique No: 10982748
Signed: Wes Davis
Report Date: 18 Apr 2024



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GRAPHS

