



CONSTRUCTION EQUIPMENT

480166 VOLVO L180H 5286 - REAR AXLE



Sample No: VCP371021
Oil Type: VOLVO WB 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP371021	DJJ0013915	DJJ0014227	DJJ0014223
Sample Date	15 Apr 2024	17 Oct 2023	20 Jun 2023	13 Apr 2023
Machine Hours	9973	9515	9008	8501
Oil Hours	0	0	9008	500
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ADVANTAGE METALS RECYCLING - 12 STREET
 1153 S. 12TH STREET
 KANSAS CITY, KS
 US 66105
 Contact: JOHN PEEK
 john.peek@advantagerecycling.com
 T: (660)424-9134
 F: (913)621-2766



OIL CONDITION

Visc @ 40°C	cSt	42.9	43.2	43.0	42.7
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	17	13	13	13
Sodium	ppm	0	0	<1	1
Potassium	ppm	3	0	<1	0

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	43	19	17	11
Copper	ppm	5	2	<1	<1
Lead	ppm	2	<1	0	0
Tin	ppm	2	<1	0	0
Aluminum	ppm	2	1	<1	1
Chromium	ppm	<1	<1	0	<1
Molybdenum	ppm	<1	0	0	0
Nickel	ppm	<1	<1	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	1	<1	0	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	3735	4222	4013	4129
Magnesium	ppm	14	13	18	15
Zinc	ppm	1486	1737	1635	1609
Phosphorus	ppm	1327	1186	1251	1302
Barium	ppm	<1	0	0	0
Boron	ppm	141	138	135	144

Depot: ADVKANLH
Unique No: 11005952
Signed: Wes Davis
Report Date: 01 May 2024



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VOLVO GRAPHS

