



CONSTRUCTION EQUIPMENT

VOLVO L90H 624427 - TRANSMISSION (AUTO)



Sample No: VKC0001107
Oil Type: VOLVO AT 102
Job No:



SAMPLE INFORMATION

Sample Number	VKC0001107	VKC0000304	VKC001886	---
Sample Date	22 Jan 2024	04 Apr 2022	20 Mar 2019	---
Machine Hours	11367	8003	2095	---
Oil Hours	0	1000	2000	---
Oil Changed	N/A	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

GW VAN KEPPEL CO
 1801 NORTH 9TH ST
 KANSAS CITY, KS
 US 66110
 Contact: TOBEY BARNHART



OIL CONDITION

Visc @ 40°C	cSt	27.4	27.0	26.1	---
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T:
 F: (913)281-4815



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	4	4	11	---
Sodium	ppm	5	5	6	---
Potassium	ppm	3	<1	6	---

Diagnosis

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



WEAR METALS

Iron	ppm	32	20	53	---
Copper	ppm	9	6	13	---
Lead	ppm	0	<1	0	---
Tin	ppm	<1	<1	0	---
Aluminum	ppm	4	1	1	---
Chromium	ppm	0	<1	<1	---
Molybdenum	ppm	0	<1	<1	---
Nickel	ppm	<1	1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	1	<1	7	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	94	109	103	---
Magnesium	ppm	2	2	4	---
Zinc	ppm	17	20	38	---
Phosphorus	ppm	189	199	164	---
Barium	ppm	0	0	3	---
Boron	ppm	58	75	57	---

Depot: GWVKAN
Unique No: 10882639
Signed: Wes Davis
Report Date: 16 Feb 2024



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VOLVO GRAPHS

