



CONSTRUCTION EQUIPMENT

7199 IMERYS REFRACT VOLVO A30G 742635 - TRANSMISSION (AUTO)



Sample No: VCP449133
Oil Type: VOLVO AT 102
Job No: 7199 IMERYS REFRACT



SAMPLE INFORMATION

Sample Number	VCP449133	VCP389208	VCP329809	---
Sample Date	12 Dec 2023	14 Feb 2023	28 Mar 2022	---
Machine Hours	4018	2975	2018	---
Oil Hours	0	2975	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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 MACON, GA
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 T:
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OIL CONDITION

Visc @ 40°C	cSt	28.6	28.2	27.8	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	4	6	14	---
Sodium	ppm	3	2	6	---
Potassium	ppm	<1	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 fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	14	18	34	---
Copper	ppm	16	23	57	---
Lead	ppm	0	0	<1	---
Tin	ppm	4	5	10	---
Aluminum	ppm	12	15	32	---
Chromium	ppm	0	<1	<1	---
Molybdenum	ppm	0	<1	<1	---
Nickel	ppm	2	4	8	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	<1	---
Manganese	ppm	1	1	4	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	88	95	166	---
Magnesium	ppm	4	0	<1	---
Zinc	ppm	3	3	5	---
Phosphorus	ppm	195	181	289	---
Barium	ppm	0	0	0	---
Boron	ppm	84	77	87	---

Depot: ASCMAC
Unique No: 10844700
Signed: Wes Davis
Report Date: 23 Jan 2024



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GRAPHS

