



CONSTRUCTION EQUIPMENT

A13026 - TRANSMISSION (AUTO)



Sample No: VCP445255
Oil Type: MOBIL AT 102
Job No: A13026



SAMPLE INFORMATION

Sample Number	VCP445255	VCP406690	VCP335654	VCP254479
Sample Date	11 Jul 2024	16 Jun 2023	18 Oct 2021	29 May 2020
Machine Hours	11045	10365	9890	9509
Oil Hours	500	500	1000	0
Oil Changed	Not Chngd	Not Chngd	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

DYER QUARRY
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BIRDSBORO, PA
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OIL CONDITION

Visc @ 40°C	cSt	22.2	28.3	27.4	28.1
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	3	2	3
Sodium	ppm	7	2	5	17
Potassium	ppm	<1	2	<1	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	14	11	14	25
Copper	ppm	81	57	110	▲ 246
Lead	ppm	1	2	2	2
Tin	ppm	2	2	3	4
Aluminum	ppm	7	4	4	6
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	0	0	3	4
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	0	<1	<1
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	115	135	222	431
Magnesium	ppm	0	7	12	12
Zinc	ppm	6	31	58	155
Phosphorus	ppm	197	201	231	313
Barium	ppm	0	0	0	0
Boron	ppm	80	87	84	73

Depot: DYEBIR
Unique No: 11125496
Signed: Don Baldrige
Report Date: 17 Jul 2024



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VOLVO GRAPHS

