



CONSTRUCTION EQUIPMENT

A12801 - REAR AXLE



Sample No: VCP431250
Oil Type: MOBIL WB 102
Job No: A12801



SAMPLE INFORMATION

Sample Number	VCP431250	VCP443398	VCP409801	VCP398886
Sample Date	11 Jun 2024	29 Feb 2024	07 Mar 2023	17 Feb 2023
Machine Hours	5040	4495	2675	2535
Oil Hours	500	2000	0	500
Oil Changed	Not Changd	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

WASTE MANAGEMENT - TELFORD
 400 PROGRESS DR
 TELFORD, PA
 US 18969-1191
 Contact: EDWARD ROGENER
 erogener@wm.com
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	43.8	41.9	42.1	40.9
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CONTAMINATION

Water	%	NEG	NEG	NEG	0.171
Silicon	ppm	12	17	15	14
Sodium	ppm	1	2	10	10
Potassium	ppm	0	0	1	4

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	156	133	137
Copper	ppm	<1	0	1	1
Lead	ppm	<1	0	0	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	1	<1	1	2
Chromium	ppm	<1	2	5	6
Molybdenum	ppm	7	3	6	6
Nickel	ppm	0	0	<1	1
Titanium	ppm	1	0	<1	<1
Silver	ppm	0	0	<1	<1
Manganese	ppm	2	4	13	12
Vanadium	ppm	<1	0	0	<1



ADDITIVES

Calcium	ppm	3651	3747	3867	4017
Magnesium	ppm	90	16	14	13
Zinc	ppm	1468	1540	1472	1653
Phosphorus	ppm	1207	1283	1210	1342
Barium	ppm	0	0	0	0
Boron	ppm	111	131	117	125

Depot: WASTEL
Unique No: 11088950
Signed: Wes Davis
Report Date: 22 Jun 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

