



CONSTRUCTION EQUIPMENT

A12801 - FRONT AXLE



Sample No: VCP412820
Oil Type: MOBIL WB 102
Job No: A12801



SAMPLE INFORMATION

Sample Number	VCP412820	VCP407243	VCP396651	VCP399147
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	NORMAL

WASTE MANAGEMENT - TELFORD
 400 PROGRESS DR
 TELFORD, PA
 US 18969-1191
 Contact: EDWARD ROGENER
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 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	43.5	41.6	41.0	40.7
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CONTAMINATION

Water	%	NEG	NEG	NEG	0.184
Silicon	ppm	13	14	15	14
Sodium	ppm	2	3	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	31	44	134	133
Copper	ppm	<1	0	1	1
Lead	ppm	<1	0	0	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	1	0	1	2
Chromium	ppm	<1	<1	5	5
Molybdenum	ppm	7	1	6	6
Nickel	ppm	0	0	<1	1
Titanium	ppm	1	0	<1	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	2	3	13	12
Vanadium	ppm	<1	0	0	<1



ADDITIVES

Calcium	ppm	3676	3549	3866	3987
Magnesium	ppm	91	15	14	13
Zinc	ppm	1481	1483	1456	1621
Phosphorus	ppm	1214	1223	1203	1348
Barium	ppm	0	0	0	0
Boron	ppm	112	121	118	122

Depot: WASTEL
Unique No: 11088957
Signed: Wes Davis
Report Date: 22 Jun 2024



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GRAPHS

