



CONSTRUCTION EQUIPMENT

A13026 - DROP BOX



Sample No: VCP445253
Oil Type: MOBIL GO 102
Job No: A13026



SAMPLE INFORMATION

Sample Number	VCP445253	VCP393352	VCP334668	VCP284319
Sample Date	11 Jul 2024	16 Jun 2023	18 Oct 2021	29 May 2020
Machine Hours	11045	10365	9890	9509
Oil Hours	500	500	2000	0
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	ATTENTION	ATTENTION	NORMAL	NORMAL

DYER QUARRY
P.O. BOX 188, 1275 ROCK HOLLOW ROAD
BIRDSBORO, PA
US 19508
Contact: MATT MCCLELLAND
matt.mcclelland@dyerquarry.com
T:
F: (610)582-2304



OIL CONDITION

Visc @ 40°C	cSt	60.6	63.3	341	341
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	6	6	16	16
Sodium	ppm	2	3	11	13
Potassium	ppm	1	<1	1	2

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 oil viscosity is lower than normal. Confirm oil type.



WEAR METALS

Iron	ppm	55	54	91	77
Copper	ppm	1	<1	1	1
Lead	ppm	<1	<1	<1	0
Tin	ppm	0	<1	0	0
Aluminum	ppm	3	3	12	11
Chromium	ppm	<1	<1	1	<1
Molybdenum	ppm	3	<1	11	8
Nickel	ppm	<1	<1	<1	0
Titanium	ppm	<1	<1	<1	<1
Silver	ppm	0	0	<1	0
Manganese	ppm	<1	<1	2	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	75	30	39	36
Magnesium	ppm	3	2	7	5
Zinc	ppm	44	23	35	34
Phosphorus	ppm	2269	2129	946	774
Barium	ppm	0	0	0	0
Boron	ppm	198	229	97	78

Depot: DYEBIR
Unique No: 11125322
Signed: Sean Felton
Report Date: 17 Jul 2024



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GRAPHS

