



CONSTRUCTION EQUIPMENT

9877 RITCHIE LAND ALJON 30116 - PUMP DRIVE



Sample No: VCP412685
Oil Type: MOBIL SHC 632
Job No: 9877 RITCHIE LAND



SAMPLE INFORMATION

Sample Number	VCP412685	VCP395162	VCP371307	VCP386436
Sample Date	22 Nov 2023	28 Feb 2023	14 Dec 2022	12 Oct 2022
Machine Hours	5376	4662	4234	3922
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Not Chngd	Not Chngd
Sample Status	ABNORMAL	NORMAL	NORMAL	ABNORMAL

PLEASANT EXCAVATING COMPANY INC
 24024 FREDERICK ROAD
 CLARKSBURG, MD
 US 20871
 Contact: H TRENT
 HTRENT@PLEASANTS.ORG
 T: (301)252-5635
 F:



OIL CONDITION

Visc @ 40°C	cSt	151	148	152	154
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	15	9	8	10
Sodium	ppm	<1	0	0	0
Potassium	ppm	0	<1	<1	0

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. Confirm oil type. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	61	23	17	30
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	2	2	3	1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	6	7	7	2
Magnesium	ppm	0	<1	0	5
Zinc	ppm	11	10	9	13
Phosphorus	ppm	1658	1774	1558	1676
Barium	ppm	0	1	0	2
Boron	ppm	0	<1	0	0

Depot: PLECLA
Unique No: 10762996
Signed: Don Baldrige
Report Date: 30 Nov 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

