



CONSTRUCTION EQUIPMENT

10165 TOLSON ALJON 30131 - PUMP DRIVE



Sample No: VCP409462
Oil Type: MOBIL SHC 631
Job No: 10165 TOLSON



SAMPLE INFORMATION

Sample Number	VCP409462	VCP426073	VCP423122	VCP407888
Sample Date	08 Jan 2024	20 Sep 2023	24 Jul 2023	01 Jun 2023
Machine Hours	2490	1938	1665	1445
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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 24024 FREDERICK ROAD
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OIL CONDITION

Visc @ 40°C	cSt	316	301	306	304
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	28	28	24	21
Sodium	ppm	0	3	<1	<1
Potassium	ppm	<1	4	<1	0

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	16	22	12	14
Copper	ppm	0	<1	0	0
Lead	ppm	0	0	0	0
Tin	ppm	0	<1	0	0
Aluminum	ppm	2	3	4	2
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	1	1	2
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	13	6	42	21
Magnesium	ppm	<1	5	0	0
Zinc	ppm	13	17	30	2
Phosphorus	ppm	433	364	337	410
Barium	ppm	0	0	0	0
Boron	ppm	0	<1	0	0

Depot: PLECLA
Unique No: 10829782
Signed: Wes Davis
Report Date: 12 Jan 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

