



CONSTRUCTION EQUIPMENT

10165 TOLSON ALJON 30131 - FRONT LEFT FINAL DRIVE



Sample No: VCP409461
Oil Type: SHELL SPIRAX HD 85W140
Job No: 10165 TOLSON



SAMPLE INFORMATION

Sample Number	VCP409461	VCP426067	VCP422890	VCP407890
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	ABNORMAL

PLEASANT EXCAVATING COMPANY INC
24024 FREDERICK ROAD
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OIL CONDITION

Visc @ 40°C	cSt	294	292	293	293
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	3	4	4
Sodium	ppm	<1	4	1	1
Potassium	ppm	<1	6	0	<1

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	155	342	252	210
Copper	ppm	3	7	6	4
Lead	ppm	0	0	0	0
Tin	ppm	0	<1	0	0
Aluminum	ppm	0	<1	2	<1
Chromium	ppm	2	3	2	2
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	0	<1	0	<1
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	3	3	2
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	147	127	114	120
Magnesium	ppm	1	6	1	0
Zinc	ppm	50	56	44	30
Phosphorus	ppm	1066	962	962	1014
Barium	ppm	0	0	0	0
Boron	ppm	221	172	187	196

Depot: PLECLA
Unique No: 10829781
Signed: Wes Davis
Report Date: 12 Jan 2024



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GRAPHS

