



CONSTRUCTION EQUIPMENT

9328 TOLSON ALJON 30131 - FRONT LEFT FINAL DRIVE



Sample No: VCP422890
Oil Type: SHELL SPIRAX HD 85W140
Job No: 9328 TOLSON



SAMPLE INFORMATION

Sample Number	VCP422890	VCP407890	VCP387933	VCP404496
Sample Date	24 Jul 2023	01 Jun 2023	17 Apr 2023	20 Feb 2023
Machine Hours	1665	1445	1162	861
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	ABNORMAL	NORMAL	ABNORMAL

PLEASANT EXCAVATING COMPANY INC
 24024 FREDERICK ROAD
 CLARKSBURG, MD
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 Contact: H TRENT
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 T: (301)252-5635
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OIL CONDITION

Visc @ 40°C	cSt	293	293	292	293
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CONTAMINATION

Silicon	ppm	4	4	2	1
Sodium	ppm	1	1	<1	0
Potassium	ppm	0	<1	0	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	252	210	221	97
Copper	ppm	6	4	4	2
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	2	<1	<1	<1
Chromium	ppm	2	2	2	0
Molybdenum	ppm	<1	<1	<1	0
Nickel	ppm	0	<1	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	3	2	3	1
Vanadium	ppm	<1	0	<1	0



ADDITIVES

Calcium	ppm	114	120	146	125
Magnesium	ppm	1	0	1	6
Zinc	ppm	44	30	53	53
Phosphorus	ppm	962	1014	989	836
Barium	ppm	0	0	0	0
Boron	ppm	187	196	231	225

Depot: PLECLA
Unique No: 10586775
Signed: Wes Davis
Report Date: 04 Aug 2023



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GRAPHS

