



CONSTRUCTION EQUIPMENT

ALJON 30116 - REAR LEFT FINAL DRIVE



Sample No: VCP422886
Oil Type: GEAR OIL SAE 85W140
Job No:



SAMPLE INFORMATION

Sample Number	VCP422886	VCP371186	VCP371310	VCP386569
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	NORMAL	ABNORMAL	ABNORMAL	NORMAL

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	288	297	300	302
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	8	5	5
Sodium	ppm	<1	0	<1	<1
Potassium	ppm	<1	4	2	<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	304	729	542	483
Copper	ppm	8	13	10	9
Lead	ppm	0	<1	0	0
Tin	ppm	<1	0	<1	0
Aluminum	ppm	0	2	2	0
Chromium	ppm	3	7	5	4
Molybdenum	ppm	0	1	<1	1
Nickel	ppm	0	1	<1	<1
Titanium	ppm	0	<1	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	3	7	5	6
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	11	20	14	3
Magnesium	ppm	0	1	0	6
Zinc	ppm	15	25	18	13
Phosphorus	ppm	458	609	504	493
Barium	ppm	0	1	0	2
Boron	ppm	32	41	40	45

Depot: PLECLA
Unique No: 10762995
Signed: Wes Davis
Report Date: 28 Nov 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

