



CONSTRUCTION EQUIPMENT

9635 TOLSON ALJON 30131 - REAR RIGHT FINAL DRIVE



Sample No: VCP426063
Oil Type: SHELL SPIRAX HD 85W140
Job No: 9635 TOLSON



SAMPLE INFORMATION

Sample Number	VCP426063	VCP412702	VCP408896	VCP05824570
Sample Date	20 Sep 2023	24 Jul 2023	01 Jun 2023	17 Apr 2023
Machine Hours	1938	1665	1445	1162
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	ABNORMAL	ABNORMAL	ABNORMAL	NORMAL

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24024 FREDERICK ROAD
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OIL CONDITION

Visc @ 40°C	cSt	299	296	295	295
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CONTAMINATION

Silicon	ppm	5	4	5	4
Sodium	ppm	3	1	1	1
Potassium	ppm	6	1	1	0

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. All other 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	856	686	590	493
Copper	ppm	10	7	4	5
Lead	ppm	0	0	0	0
Tin	ppm	1	0	<1	0
Aluminum	ppm	1	3	<1	<1
Chromium	ppm	6	5	5	4
Molybdenum	ppm	1	<1	1	1
Nickel	ppm	1	<1	1	<1
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	8	7	6	6
Vanadium	ppm	0	<1	0	<1



ADDITIVES

Calcium	ppm	121	104	113	121
Magnesium	ppm	6	0	<1	1
Zinc	ppm	55	41	32	41
Phosphorus	ppm	930	915	1010	997
Barium	ppm	0	0	0	0
Boron	ppm	147	151	168	223

Depot: PLECLA
Unique No: 10681825
Signed: Sean Felton
Report Date: 09 Oct 2023



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VOLVO GRAPHS

