



CONSTRUCTION EQUIPMENT

369307 ALTER PEORIA SENNEBOGEN 835M 835.0.2632 - TRANSMISSION



Sample No: VCP396375
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 369307 ALTER PEORIA



SAMPLE INFORMATION

Sample Number	VCP396375	VCP363690	---	---
Sample Date	06 Oct 2023	25 Oct 2022	---	---
Machine Hours	8583	6250	---	---
Oil Hours	2000	1000	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	SEVERE	SEVERE	---	---

ALTA EQUIPMENT COMPANY

1035 WYLIE DRIVE
 BLOOMINGTON, IL
 US 61705

Contact: JUSTIN PERRY
 justin.perry@altg.com
 T: (309)533-9285
 F:

OIL CONDITION

Visc @ 40°C	cSt	83.7	77.2	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	330	644	---	---
Sodium	ppm	2	6	---	---
Potassium	ppm	0	0	---	---

Diagnosis

The fluid change at the time of sampling has been noted. We recommend an early resample to monitor this condition. All component wear rates are normal. Elemental level of silicon (Si) above normal indicating ingress of seal material. The fluid is no longer serviceable due to the presence of contaminants.

WEAR METALS

Iron	ppm	5	14	---	---
Copper	ppm	9	27	---	---
Lead	ppm	0	0	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	<1	2	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	46	30	---	---
Nickel	ppm	0	2	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	5	11	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	1218	1393	---	---
Magnesium	ppm	683	304	---	---
Zinc	ppm	1089	782	---	---
Phosphorus	ppm	1001	1034	---	---
Barium	ppm	<1	0	---	---
Boron	ppm	48	103	---	---

Depot: VOLVO5054
Unique No: 10699953
Signed: Sean Felton
Report Date: 19 Oct 2023



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GRAPHS

