



CONSTRUCTION EQUIPMENT

261548 GROVE GRT8100 235974 - WINCH



Sample No: VCP275218
Oil Type: GEAR OIL SAE 80W90
Job No: 261548



SAMPLE INFORMATION

Sample Number	VCP275218	VCP275221	---	---
Sample Date	22 Oct 2020	22 Oct 2020	---	---
Machine Hours	3577	3577	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

STRONGCO EQUIPMENT--CALGARY

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OIL CONDITION

Visc @ 40°C	cSt	117	109	---	---
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CONTAMINATION

Water	%	0.038	0.066	---	---
Silicon	ppm	3	3	---	---
Sodium	ppm	11	2	---	---
Potassium	ppm	1	1	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W90. Please confirm.



WEAR METALS

Iron	ppm	20	17	---	---
Copper	ppm	5	2	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	1	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	2	<1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	<1	<1	---	---
Manganese	ppm	1	<1	---	---
Vanadium	ppm	0	0	---	---

All component wear rates are normal. The water content is negligible. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



ADDITIVES

Calcium	ppm	21	6	---	---
Magnesium	ppm	<1	<1	---	---
Zinc	ppm	52	24	---	---
Phosphorus	ppm	1134	1341	---	---
Barium	ppm	<1	<1	---	---
Boron	ppm	165	193	---	---

Depot: VOLVO3909
Unique No: 5123381
Signed: Wes Davis
Report Date: 28 Oct 2020



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

