



CONSTRUCTION EQUIPMENT

8000096607 VOLVO G946B 578137 - DIESEL ENGINE



Sample No: VCP179828
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 8000096607



STRONGCO EQUIP (AB)
 6 - 38403 BURNT LAKE TRAIL
 RED DEER COUNTY, AB
 CA T4S 2L4
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SAMPLE INFORMATION

Sample Number	VCP179828	VCE246857	---	---
Sample Date	09 Feb 2017	27 Feb 2015	---	---
Machine Hours	1127	375	---	---
Oil Hours	600	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 100°C	cSt	15.6	14.1	---	---
Oxidation (PA)	%	74	69	---	---



CONTAMINATION

Soot %	%	0.5	0.5	---	---
Nitration (PA)	%	78	79	---	---
Sulfation (PA)	%	66	57	---	---
Glycol	%	0.0	NEG	---	---
Fuel	%	<1.0	<1.0	---	---
Silicon	ppm	6	16	---	---
Sodium	ppm	3	5	---	---
Potassium	ppm	6	3	---	---



WEAR METALS

Iron	ppm	29	46	---	---
Copper	ppm	5	10	---	---
Lead	ppm	<1	3	---	---
Tin	ppm	1	3	---	---
Aluminum	ppm	7	25	---	---
Chromium	ppm	2	4	---	---
Molybdenum	ppm	8	39	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	<1	<1	---	---
Manganese	ppm	<1	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	2306	1169	---	---
Magnesium	ppm	143	858	---	---
Zinc	ppm	1246	1120	---	---
Phosphorus	ppm	1010	932	---	---
Barium	ppm	<1	<1	---	---
Boron	ppm	23	31	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the component. The condition of the oil is acceptable for the time in service.

Depot: VOLVO9652
Unique No: 4457154
Signed: Wes Davis
Report Date: 10 Feb 2017



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GRAPHS

