



CONSTRUCTION EQUIPMENT

8000376845 TOYOTA GU30 3034831 - DIESEL ENGINE



Sample No: VCP394757
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 8000376845



SAMPLE INFORMATION

Sample Number	VCP394757	---	---	---
Sample Date	31 Aug 2023	---	---	---
Machine Hours	6517	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	NORMAL	---	---	---

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

Visc @ 100°C	cSt	█ 13.2	---	---	---
Oxidation (PA)	%	█ 73	---	---	---



CONTAMINATION

Water	%	█ 0.075	---	---	---
Soot %	%	█ 0	---	---	---
Nitration (PA)	%	█ 38	---	---	---
Sulfation (PA)	%	█ 60	---	---	---
Glycol	%	█ 0.0	---	---	---
Fuel	%	█ <1.0	---	---	---
Silicon	ppm	█ 8	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ <1	---	---	---

Diagnosis

Resample at the next service interval to monitor. 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.



WEAR METALS

Iron	ppm	█ 2	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 37	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	█ 0	---	---	---



ADDITIVES

Calcium	ppm	█ 1536	---	---	---
Magnesium	ppm	█ 468	---	---	---
Zinc	ppm	█ 993	---	---	---
Phosphorus	ppm	█ 850	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 61	---	---	---

Depot: VOLVO9652
Unique No: 5646499
Signed: Wes Davis
Report Date: 28 Sep 2023



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GRAPHS

