



CONSTRUCTION EQUIPMENT

VOLVO A30G 742366 - DIESEL ENGINE



Sample No: VCP273479
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No:



SAMPLE INFORMATION

Sample Number	VCP273479	---	---	---
Sample Date	20 Sep 2020	---	---	---
Machine Hours	1500	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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 5179 Fountain St N.
 Breslau, ON
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OIL CONDITION

Visc @ 100°C	cSt	▲ 11.4	---	---	---
Oxidation (PA)	%	66	---	---	---



CONTAMINATION

Soot %	%	■ 0.2	---	---	---
Nitration (PA)	%	78	---	---	---
Sulfation (PA)	%	58	---	---	---
Glycol	%	■ 0.0	---	---	---
Fuel	%	▲ 3.5	---	---	---
Silicon	ppm	■ 6	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 2	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a moderate amount of fuel present in the oil. Tests confirm the presence of fuel in the oil. Fuel is present in the oil and is lowering the viscosity. The oil is no longer serviceable due to the presence of contaminants.



WEAR METALS

Iron	ppm	■ 11	---	---	---
Copper	ppm	■ 77	---	---	---
Lead	ppm	■ 3	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 1	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 13	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	■ 1396	---	---	---
Magnesium	ppm	■ 639	---	---	---
Zinc	ppm	■ 863	---	---	---
Phosphorus	ppm	■ 756	---	---	---
Barium	ppm	■ <1	---	---	---
Boron	ppm	■ 34	---	---	---

Depot: CASKIT
Unique No: 5111352
Signed: Wes Davis
Report Date: 08 Oct 2020



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GRAPHS

