



CONSTRUCTION EQUIPMENT

VOLVO A30G 742568 - DIESEL ENGINE



Sample No: VCP273097
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No:



SAMPLE INFORMATION

Sample Number	VCP273097	---	---	---
Sample Date	29 Jul 2020	---	---	---
Machine Hours	1500	---	---	---
Oil Hours	500	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

Strongco Equipment
 5179 Fountain St N.
 Breslau, ON
 CA N0B 1M0
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OIL CONDITION

Visc @ 100°C	cSt	█ 12.0	---	---	---
Oxidation (PA)	%	█ 72	---	---	---



CONTAMINATION

Soot %	%	█ 0.3	---	---	---
Nitration (PA)	%	█ 76	---	---	---
Sulfation (PA)	%	█ 62	---	---	---
Glycol	%	█ 0.0	---	---	---
Fuel	%	█ 2.7	---	---	---
Silicon	ppm	█ 9	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 2	---	---	---

Diagnosis

Resample at the next service interval to monitor. No other corrective action is recommended at this time. All component wear rates are normal. Light fuel dilution occurring. No other contaminants were detected in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 22	---	---	---
Copper	ppm	█ 92	---	---	---
Lead	ppm	█ 3	---	---	---
Tin	ppm	█ 1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 2	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 1948	---	---	---
Magnesium	ppm	█ 92	---	---	---
Zinc	ppm	█ 1063	---	---	---
Phosphorus	ppm	█ 867	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 75	---	---	---

Depot: CASKIT
Unique No: 5094532
Signed: Wes Davis
Report Date: 19 Aug 2020



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GRAPHS

