



CONSTRUCTION EQUIPMENT

342919 BEST POOLS TAKEUCHI TL6 406003096 - DIESEL ENGINE



Sample No: VCP417711
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 342919 BEST POOLS



SAMPLE INFORMATION

Sample Number	VCP417711	---	---	---
Sample Date	22 Aug 2023	---	---	---
Machine Hours	547	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC
 9601 BOGGY CREEK RD
 ORLANDO, FL
 US 32824
 Contact: Robert LaPlante
 robert.laplante@altg.com
 T: (407)508-9736
 F: (407)659-8720



OIL CONDITION

Visc @ 100°C	cSt	▲ 11.2	---	---	---
Base Number (BN)	mg KOH/g	■ 5.5	---	---	---
Oxidation (PA)	%	78	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Metal levels are typical for a new component breaking in. Light fuel dilution occurring. The BN result indicates that there is suitable alkalinity remaining in the oil. Fuel is present in the oil and is lowering the viscosity. The condition of the oil is suitable for further service.



CONTAMINATION

Soot %	%	■ 0.6	---	---	---
Nitration (PA)	%	98	---	---	---
Sulfation (PA)	%	70	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	▲ 3.6	---	---	---
Silicon	ppm	■ 13	---	---	---
Sodium	ppm	■ 8	---	---	---
Potassium	ppm	■ 3	---	---	---



WEAR METALS

Iron	ppm	■ 71	---	---	---
Copper	ppm	■ 105	---	---	---
Lead	ppm	■ 1	---	---	---
Tin	ppm	■ 2	---	---	---
Aluminum	ppm	■ 6	---	---	---
Chromium	ppm	■ 3	---	---	---
Molybdenum	ppm	■ 4	---	---	---
Nickel	ppm	■ 1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 4	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	▲ 2890	---	---	---
Magnesium	ppm	▲ 42	---	---	---
Zinc	ppm	■ 1201	---	---	---
Phosphorus	ppm	■ 962	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 15	---	---	---

Depot: VOLVO0096
Unique No: 10621105
Signed: Wes Davis
Report Date: 30 Aug 2023



CONSTRUCTION EQUIPMENT



GRAPHS

