



CONSTRUCTION EQUIPMENT

X47522 TADANO GR350 5623 16 - DIESEL ENGINE



Sample No: VCP432550
Oil Type: DIESEL ENGINE OIL SAE 15W40
Job No: X47522



SAMPLE INFORMATION

Sample Number	VCP432550	---	---	---
Sample Date	02 Oct 2023	---	---	---
Machine Hours	518	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

SCOTT EQUIPMENT COMPANY LLC - Lake Charles
 PO BOX 16955
 LAKE CHARLES, LA
 US 70616
 Contact: TINA LEDOUX
 tledoux@scottcompanies.com
 T: (337)433-9811
 F: (318)433-6623



OIL CONDITION

Visc @ 100°C	cSt	█ 13.4	---	---	---
Base Number (BN)	mg KOH/g	█ 6.7	---	---	---
Oxidation (PA)	%	67	---	---	---

Diagnosis

Resample at the next service interval to monitor. Metal levels are typical for a new component breaking in. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.



CONTAMINATION

Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	66	---	---	---
Sulfation (PA)	%	56	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 41	---	---	---
Sodium	ppm	█ 5	---	---	---
Potassium	ppm	█ 2	---	---	---



WEAR METALS

Iron	ppm	█ 25	---	---	---
Copper	ppm	█ 45	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 6	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 61	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 5	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 1800	---	---	---
Magnesium	ppm	█ 406	---	---	---
Zinc	ppm	█ 1325	---	---	---
Phosphorus	ppm	█ 1077	---	---	---
Barium	ppm	█ 9	---	---	---
Boron	ppm	█ 100	---	---	---

Depot: VOLVO6244
Unique No: 10683272
Signed: Wes Davis
Report Date: 07 Oct 2023



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GRAPHS

