



CONSTRUCTION EQUIPMENT

461668-30 VICTORY ST TAKEUCHI TB23S 123601703 - DIESEL ENGINE



Sample No: VCP393605
Oil Type: DIESEL ENGINE OIL SAE 40
Job No: 461668-30 VICTORY ST



SAMPLE INFORMATION

Sample Number	VCP393605	VCP362575	---	---
Sample Date	24 Jan 2024	14 Apr 2022	---	---
Machine Hours	2476	1227	---	---
Oil Hours	0	500	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

ALTA EQUIPMENT COMPANY

8750 PHILIPS HWY
JACKSONVILLE, FL
US 32256

Contact: SHAWN NORTHCRAFT
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OIL CONDITION

Visc @ 100°C	cSt	█ 14.9	█ 14.1	---	---
Base Number (BN)	mg KOH/g	█ 6.5	█ 11.0	---	---
Oxidation (PA)	%	95	103	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. 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

Water	%	NEG	NEG	---	---
Soot %	%	█ 0.9	█ 1.3	---	---
Nitration (PA)	%	102	112	---	---
Sulfation (PA)	%	61	73	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	<1.0	---	---
Silicon	ppm	█ 8	█ 12	---	---
Sodium	ppm	█ 3	█ 6	---	---
Potassium	ppm	█ 2	█ 0	---	---



WEAR METALS

Iron	ppm	█ 39	█ 85	---	---
Copper	ppm	█ <1	█ 4	---	---
Lead	ppm	█ 5	█ 6	---	---
Tin	ppm	█ <1	█ <1	---	---
Aluminum	ppm	█ 4	█ 6	---	---
Chromium	ppm	█ <1	█ 1	---	---
Molybdenum	ppm	█ 52	█ 47	---	---
Nickel	ppm	█ 0	█ <1	---	---
Titanium	ppm	█ 0	█ <1	---	---
Silver	ppm	█ 0	█ 0	---	---
Manganese	ppm	█ 1	█ 1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	█ 1914	█ 2093	---	---
Magnesium	ppm	█ 605	█ 532	---	---
Zinc	ppm	█ 1266	█ 1214	---	---
Phosphorus	ppm	█ 1037	█ 970	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 38	█ 33	---	---

Depot: VOLVO0092
Unique No: 10849258
Signed: Wes Davis
Report Date: 30 Jan 2024



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GRAPHS

