



CONSTRUCTION EQUIPMENT

225963 WM TYMCO TYMCO 600BAH - DIESEL ENGINE



Sample No: VCP441362
Oil Type: DIESEL ENGINE OIL SAE 40
Job No: 225963 WM



SAMPLE INFORMATION

Sample Number	VCP441362	---	---	---
Sample Date	29 Apr 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

PACWEST MACHINERY
 8207 SOUTH 216TH STREET
 KENT, WA
 US 98032
 Contact: DAN SLAGLE
 dslagle@pacwestmachinery.com
 T: (206)482-4179
 F: (509)534-5286



OIL CONDITION

Visc @ 100°C	cSt	█ 12.6	---	---	---
Base Number (BN)	mg KOH/g	█ 10.4	---	---	---
Oxidation (PA)	%	80	---	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 40. Please confirm.
 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	---	---	---
Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	49	---	---	---
Sulfation (PA)	%	59	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 11	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 1	---	---	---



WEAR METALS

Iron	ppm	█ 16	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 42	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 1700	---	---	---
Magnesium	ppm	█ 518	---	---	---
Zinc	ppm	█ 1121	---	---	---
Phosphorus	ppm	█ 921	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 81	---	---	---

Depot: VOLVO1271
Unique No: 11018540
Signed: Wes Davis
Report Date: 09 May 2024



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GRAPHS

