

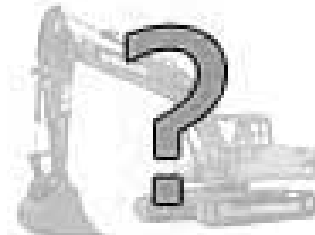


CONSTRUCTION EQUIPMENT

257452-2 TAKEUCHI TB2150 514601041 - DIESEL ENGINE



Sample No: VCP417526
Oil Type: DIESEL ENGINE OIL SAE 15W40
Job No: 257452-2



SAMPLE INFORMATION

Sample Number	VCP417526	---	---	---
Sample Date	28 Jun 2023	---	---	---
Machine Hours	365	---	---	---
Oil Hours	365	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

ALTA EQUIPMENT COMPANY

5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
 Contact: TODD LARK
 tlark@altaequipfl.com
 T:
 F: (239)481-3302



OIL CONDITION

Visc @ 100°C	cSt	█ 13.4	---	---	---
Base Number (BN)	mg KOH/g	█ 10.3	---	---	---
Oxidation (PA)	%	71	---	---	---

Diagnosis

Resample at the next service interval to monitor. Metal levels are typical for a components first oil change. 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 %	%	█ 0.2	---	---	---
Nitration (PA)	%	78	---	---	---
Sulfation (PA)	%	59	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 22	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 5	---	---	---



WEAR METALS

Iron	ppm	█ 32	---	---	---
Copper	ppm	█ 12	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ 2	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 2294	---	---	---
Magnesium	ppm	█ 189	---	---	---
Zinc	ppm	█ 929	---	---	---
Phosphorus	ppm	█ 796	---	---	---
Barium	ppm	█ 6	---	---	---
Boron	ppm	█ 9	---	---	---

Depot: VOLVO0090
Unique No: 10546914
Signed: Wes Davis
Report Date: 06 Jul 2023



CONSTRUCTION EQUIPMENT



GRAPHS

