CONSTRUCTION EQUIPMENT 12010 VOLVO ECR145D 210173 - RIGHT GEARBOX



Sample No: VCP446450

VOLVO

Oil Type:	VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:	12010

SAMPLE INFORMATION VCP446450 Sample Number Sample Date 09 Apr 2024 Machine Hours 5873 Oil Hours 0 Oil Changed Changed SEVERE Sample Status **OIL CONDITION** Visc @ 40°C cSt 199 CONTAMINATION Water % NEG Silicon 22 ppm Sodium 6 🔲 ppm Potassium ppm 30 WEAR METALS **582** Iron ppm Copper ppm 3 Lead ppm 1 Tin ppm ■ <1 Aluminum ppm 3 Chromium ppm Molybdenum 2 ppm Nickel 1 ppm Titanium <1 ppm Silver 0 ppm Manganese ppm 10 Vanadium ppm <1 **ADDITIVES**

Calcium	ppm	7 9	 	
Magnesium	ppm	5	 	
Zinc	ppm	111	 	
Phosphorus	ppm	491	 	
Barium	ppm	4	 	
Boron	ppm	50	 	



HOFFMAN EQUIPMENT - LIONVILLE

120 GORDON DRIVE LIONVILLE, PA US 19341 Contact: JIM FEHR jim.fehr@hoffmanequip.com T: (610)363-9200 F: (610)594-0829

Diagnosis

Oil and filter change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition.Gear wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

 Depot:
 VOLVO8879

 Unique No:
 10979131

 Signed:
 Sean Felton

 Report Date:
 17 Apr 2024

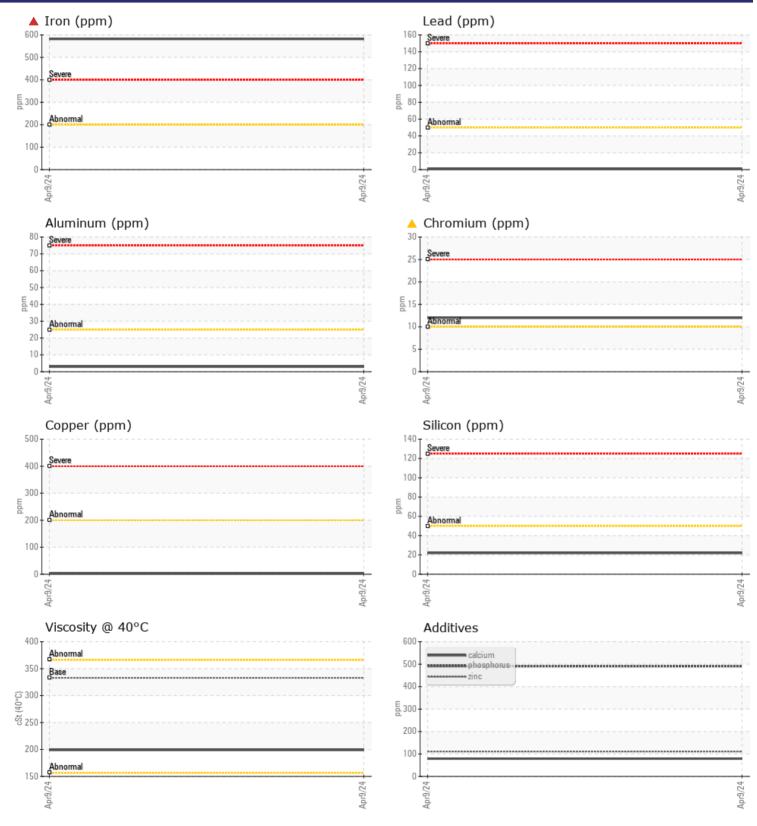
 Contact/Location:
 JIM FEHR - VOLVO8879

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Contact/Location: JIM FEHR - VOLVO8879