



CONSTRUCTION EQUIPMENT

129432 VOLVO ECR145EL 315445 - SWING DRIVE



Sample No: VCE151473
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: 129432



SAMPLE INFORMATION

Sample Number	VCE151473	---	---	---
Sample Date	01 Aug 2023	---	---	---
Machine Hours	973	---	---	---
Oil Hours	973	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

THE GW VAN KEPPEL CO MAIN
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 KANSAS CITY, KS
 US 66101
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OIL CONDITION

Visc @ 40°C	cSt	180	---	---	---
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CONTAMINATION

Silicon	ppm	17	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	<1	---	---	---

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 condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	248	---	---	---
Copper	ppm	27	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	3	---	---	---
Chromium	ppm	3	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	4	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	8	---	---	---
Magnesium	ppm	2	---	---	---
Zinc	ppm	25	---	---	---
Phosphorus	ppm	306	---	---	---
Barium	ppm	2	---	---	---
Boron	ppm	0	---	---	---

Depot: VOLVO0111
Unique No: 10606833
Signed: Jonathan Hester
Report Date: 18 Aug 2023



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GRAPHS

