



CONSTRUCTION EQUIPMENT

X59414 ELGIN PELICA NP42773 - FRONT RIGHT WHEEL HUB



Sample No: VCP437008
Oil Type: MOBIL SHC 629
Job No: X59414



SAMPLE INFORMATION

Sample Number	VCP437008	---	---	---
Sample Date	17 Apr 2024	---	---	---
Machine Hours	327	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

SCOTT EQUIPMENT COMPANY LLC - Saint Rose
 PO BOX 997
 SAINT ROSE, LA
 US 70087
 Contact: DANA FOSHEE
 dfoshee@scottcompanies.com
 T: (504)461-0961
 F: (504)461-0970



OIL CONDITION

Visc @ 40°C	cSt	█ 151	---	---	---
-------------	-----	-------	-----	-----	-----



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	▲ 25	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 0	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. The copper level is abnormal. All other component wear rates are normal. Elemental level of silicon (Si) above normal indicating ingress of seal material. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 96	---	---	---
Copper	ppm	█ 8	---	---	---
Lead	ppm	▲ 30	---	---	---
Tin	ppm	1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 3	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 95	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 0	---	---	---
Phosphorus	ppm	█ 409	---	---	---
Barium	ppm	█ 9	---	---	---
Boron	ppm	█ <1	---	---	---

Depot: SCOSAI
Unique No: 10994857
Signed: Jonathan Hester
Report Date: 26 Apr 2024



CONSTRUCTION EQUIPMENT



GRAPHS

