

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR 920K STERLING (S/N NOT GIVEN) - Left Final Drive

Sample No: LH0272827

Oil Type: LIEBHERR HYPOID 85W-140 EP



SAMPLE INFORMATION

Sample Number	LH0272827	---	---	---
Sample Date	02 Feb 2024	---	---	---
Machine Hours	4176	---	---	---
Oil Hours	500	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

POTOMAC METALS
 42702 DULLES TRADE CT
 STERLING, VA
 US 20166
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 T: (703)430-3667
 F:



OIL CONDITION

Visc @ 40°C	cSt	● 208	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 53	---	---	---
Sodium	ppm	● 4	---	---	---
Potassium	ppm	● 4	---	---	---

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	● 83	---	---	---
Copper	ppm	● <1	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 18	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

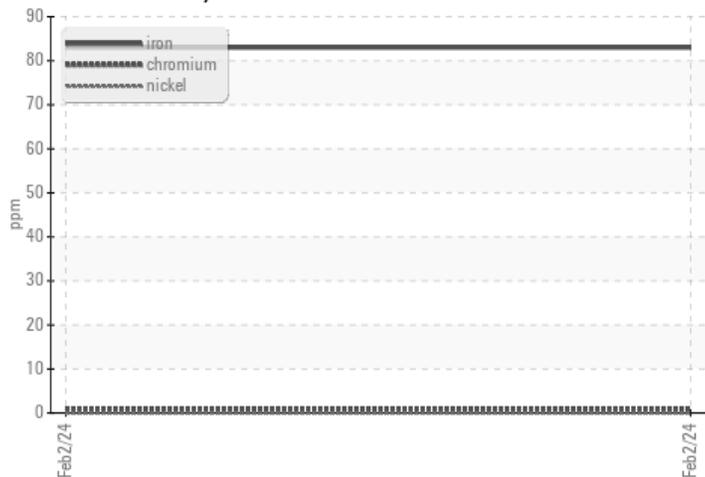
Calcium	ppm	● 0	---	---	---
Magnesium	ppm	● 5	---	---	---
Zinc	ppm	● 6	---	---	---
Phosphorus	ppm	2279	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 0	---	---	---

Depot: POTSTE
Unique No: 10911797
Signed: Sean Felton
Report Date: 06 Mar 2024



GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

