

LIEBHERR

CONSTRUCTION EQUIPMENT



[[GOLD STAR METALS]] LIEBHERR L556 072521-1826 - Diesel

Sample No: LH0259157

Oil Type: DIESEL ENGINE OIL 10W40



Sample Information

Sample Number	LH0259157	---	---	---
Sample Date	05 Apr 2024	---	---	---
Machine Hours	681	---	---	---
Oil Hours	681	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

DERICHEBOURG RECYCLING
 1 WHARF ST
 HOUSTON, TX
 US 77012
 Contact: JEFF MCLEROY
 jeff.mcleroy@derichebourg.com
 T: (281)642-6680
 F:



Oil Condition

Visc @ 100°C	cSt	13.5	---	---	---
Base Number (BN)	mg KOH/g	5.8	---	---	---
Oxidation (PA)	%	87	---	---	---

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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.



Contamination

Water	%	NEG	---	---	---
Soot %	%	0.1	---	---	---
Nitration (PA)	%	77	---	---	---
Sulfation (PA)	%	67	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	7	---	---	---
Sodium	ppm	3	---	---	---
Potassium	ppm	10	---	---	---



Wear Metals

Iron	ppm	5	---	---	---
Copper	ppm	12	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	0	---	---	---
Molybdenum	ppm	4	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



Additives

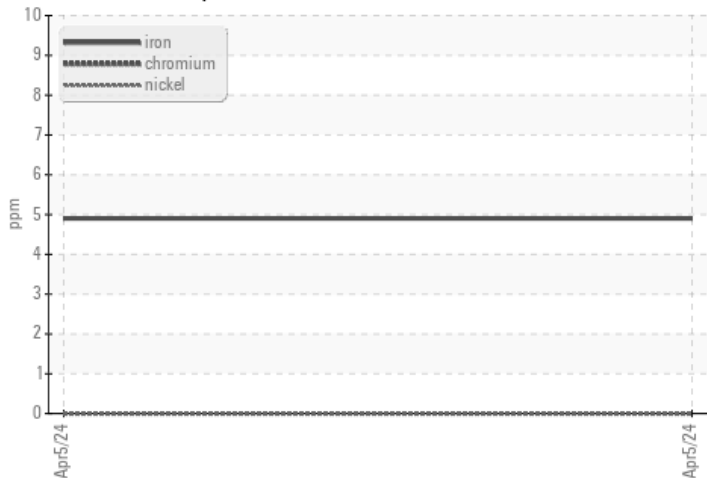
Calcium	ppm	2084	---	---	---
Magnesium	ppm	138	---	---	---
Zinc	ppm	1106	---	---	---
Phosphorus	ppm	874	---	---	---
Barium	ppm	5	---	---	---
Boron	ppm	81	---	---	---

Depot: DERHOU
Unique No: 11087307
Signed: Don Baldrige
Report Date: 21 Jun 2024

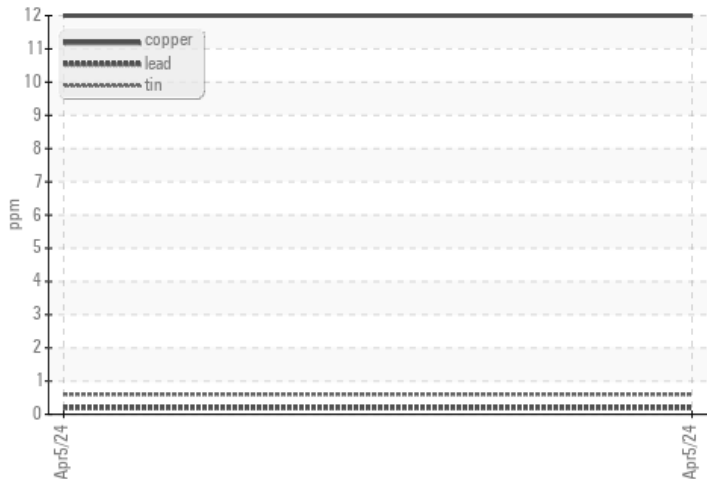


Graphs

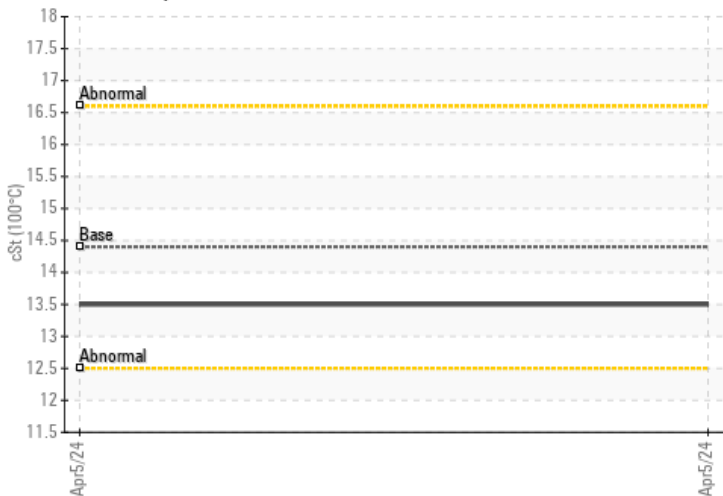
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 100°C



Base Number

