

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR PR716 018429-1422 - Right Final Drive

Sample No: LH0288279

Oil Type: LIEBHERR HYPOID 85W-140 EP



COLOURED AGGREGATES INC.
 158 DON HILLOCK DRIVE,, UNIT 12-13
 AURORA, ON
 CA L4G 0H6
 Contact: Jeff Oravec
 Jeff@colouredaggregates.com
 T: (416)491-0230
 F:



Sample Information

Sample Number	LH0288279	---	---	---
Sample Date	15 Apr 2024	---	---	---
Machine Hours	886	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



Oil Condition

Visc @ 40°C	cSt	● 322	---	---	---
-------------	-----	-------	-----	-----	-----



Contamination

Water	%	NEG	---	---	---
Silicon	ppm	● 3	---	---	---
Sodium	ppm	● 5	---	---	---
Potassium	ppm	● 3	---	---	---



Wear Metals

Iron	ppm	● 144	---	---	---
Copper	ppm	● 124	---	---	---
Lead	ppm	● 3	---	---	---
Tin	ppm	● 4	---	---	---
Aluminum	ppm	● 0	---	---	---
Chromium	ppm	● 1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● 2	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 2	---	---	---
Vanadium	ppm	0	---	---	---



Additives

Calcium	ppm	● 20	---	---	---
Magnesium	ppm	● 3	---	---	---
Zinc	ppm	● 52	---	---	---
Phosphorus	ppm	● 1104	---	---	---
Barium	ppm	● 50	---	---	---
Boron	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.

Depot: COL158AUR
 Unique No: 5762848
 Signed: Kevin Marson
 Report Date: 17 Apr 2024



Graphs

