

LIEBHERR

CONSTRUCTION EQUIPMENT



[(357697)] LIEBHERR PR766 016664-1421 - Coolant

Sample No: LH0194338

Oil Type: EXTENDED LIFE COOLANT



Sample Information

Sample Number	LH0194338	---	---	---
Sample Date	31 Aug 2021	---	---	---
Machine Hours	144	---	---	---
Sample Status	NORMAL	---	---	---

HEAVY IRON INC
 370145 79 STREET EAST
 ALDERSYDE, AB
 CA T0L 0A0
 Contact: Service Manager



Coolant Condition

Boron	ppm	● 138	---	---	---
Phosphorus	ppm	● 9	---	---	---
Sodium	ppm	● 2082	---	---	---
Potassium	ppm	● 1987	---	---	---
Silicon	ppm	● 9	---	---	---
pH	Scale 0-14	● 7.91	---	---	---
Reserve Alkalinity	Scale 0-20	● 6.2	---	---	---
Molybdenum	ppm	● 230	---	---	---
Nitrites	ppm	● 640	---	---	---
Percentage Glycol	%	● 52.0	---	---	---
Freezing Point	°C	● -41	---	---	---

T:
F:

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) EXTENDED LIFE COOLANT. Please confirm.

All component wear rates are normal. There is no indication of any contamination in the coolant. The condition of the coolant is acceptable for the time in service.



Contamination

Magnesium	ppm	● 2	---	---	---
Calcium	ppm	● 4	---	---	---
Coolant Appearance		● Clear	---	---	---
Coolant Color		● Orange	---	---	---
Sand/Dirt	scalar	● NONE	---	---	---
Debris	scalar	● NONE	---	---	---
Precipitate	scalar	● NONE	---	---	---
Silt	scalar	● NONE	---	---	---



Corrosion

Iron	ppm	● <1	---	---	---
Aluminum	ppm	● 2	---	---	---
Copper	ppm	● <1	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● 0	---	---	---

Depot: HEAALD
Unique No: 5278218
Signed: Wes Davis
Report Date: 07 Sep 2021



Graphs

