

# ATMBALER - Hydraulic System

Sample No: WC0383344

Oil Type: ESSO NUTO H ISO 46

## SAMPLE INFORMATION

Sample Number	WC0383344	---	---	---
Sample Date	23 Jan 2020	---	---	---
Machine Hours	5	---	---	---
Oil Hours	5	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

### GREEN METALS CANADA

224 BEARDS LANE

WOODSTOCK, ON

Canada N4S 7W3

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## OIL CONDITION

Visc @ 40°C	cSt	■ 44.9	---	---	---
Acid Number (AN)	mg KOH/g	■ 0.350	---	---	---

## CONTAMINATION

Particles >4µm		▲ 16792	---	---	---
Particles >6µm		■ 421	---	---	---
Particles >14µm		■ 32	---	---	---
ISO 4406:1999 (c)		21/16/12	---	---	---
Silicon	ppm	■ 0	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ <1	---	---	---

## WEAR METALS

Iron	ppm	■ <1	---	---	---
Copper	ppm	■ <1	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 0	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 0	---	---	---
Vanadium	ppm	■ 0	---	---	---

## ADDITIVES

Calcium	ppm	■ 58	---	---	---
Magnesium	ppm	■ 2	---	---	---
Zinc	ppm	■ 448	---	---	---
Phosphorus	ppm	■ 345	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ <1	---	---	---

## Diagnosis

We recommend you service the filters on this component. We recommend an early resample to monitor this condition. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample. Please specify the component make and model with your next sample. All component wear rates are normal. Particles >4µm are abnormally high. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Depot: GRE224WOO

Unique No: 4993372

Signed: Wes Davis

Report Date: 28 Jan 2020

# GRAPHS

