

METSOBALER - Hydraulic System

Sample No: WC0383347

Oil Type: ESSO NUTO H ISO 46

SAMPLE INFORMATION

Sample Number	WC0383347	---	---	---
Sample Date	23 Jan 2020	---	---	---
Machine Hours	12	---	---	---
Oil Hours	1	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

GREEN METALS CANADA

224 BEARDS LANE

WOODSTOCK, ON

Canada N4S 7W3

Contact: Jamie Depotie

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OIL CONDITION

Visc @ 40°C	cSt	■ 44.9	---	---	---
Acid Number (AN)	mg KOH/g	■ 0.455	---	---	---

CONTAMINATION

Particles >4µm		■ 1318	---	---	---
Particles >6µm		■ 175	---	---	---
Particles >14µm		■ 53	---	---	---
ISO 4406:1999 (c)		18/15/13	---	---	---
Silicon	ppm	■ 0	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ <1	---	---	---

WEAR METALS

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

ADDITIVES

Calcium	ppm	■ 57	---	---	---
Magnesium	ppm	■ <1	---	---	---
Zinc	ppm	■ 440	---	---	---
Phosphorus	ppm	■ 338	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ <1	---	---	---

Diagnosis

Resample at the next service interval to monitor. 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. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Depot: GRE224WOO

Unique No: 4993373

Signed: Wes Davis

Report Date: 28 Jan 2020

GRAPHS

