

# [LIGNE DE RETOUR AVAN POMPE [RETURN]] HI-WAY FOURNAISE - Heat Transfer Fluid

**Sample No:** PC

**Oil Type:** PARATHERM HE

## SAMPLE INFORMATION

Sample Number	PC	PC	PC	---
Sample Date	14 Nov 2019	01 May 2019	30 Apr 2018	---
Machine Hours	0	0	0	---
Oil Hours	37492	32572	27364	---
Oil Changed	N/A	N/A	N/A	---
Sample Status	SEVERE	SEVERE	SEVERE	---

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## OIL CONDITION

Visc @ 40°C	cSt	50.7	50.0	46.1	---
Acid Number (AN)	mg KOH/g	1.55	0.772	0.18	---

## CONTAMINATION

Water	%	0.002	0.004	0.001	---
Silicon	ppm	0	0	<1	---
Sodium	ppm	0	<1	<1	---
Potassium	ppm	<1	<1	<1	---

## Diagnosis

Il y a présence de plomb (Lead) 40 ppm, la limite supérieur est de 41 ppm. L'Indice d'acidité (AN) est élevé 1.55, les solides (Pentanes Insolubles) 1.87, les fractions lourdes (GCD 90%) sont basses. Le fluide se dégrade.

## WEAR METALS

Iron	ppm	4	4	4	---
Copper	ppm	<1	<1	<1	---
Lead	ppm	40	56	58	---
Tin	ppm	<1	<1	1	---
Aluminum	ppm	<1	0	0	---
Chromium	ppm	0	0	0	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	<1	<1	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	<1	0	---
Vanadium	ppm	0	0	0	---

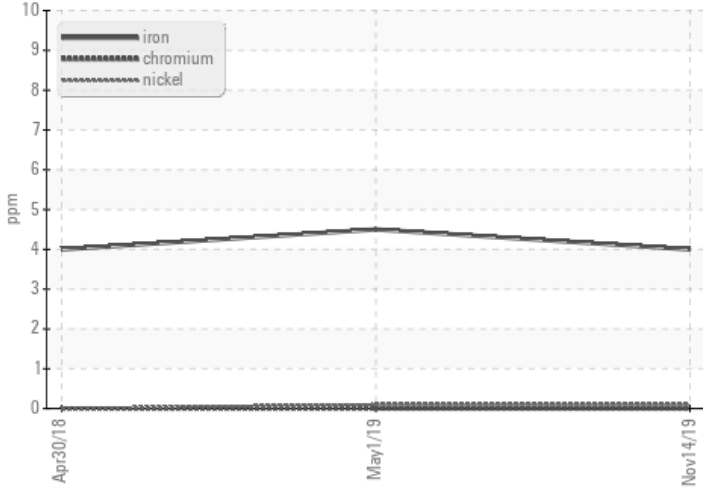
## ADDITIVES

Calcium	ppm	2	4	4	---
Magnesium	ppm	0	<1	<1	---
Zinc	ppm	2	3	2	---
Phosphorus	ppm	0	<1	1	---
Barium	ppm	0	0	0	---
Boron	ppm	<1	<1	<1	---

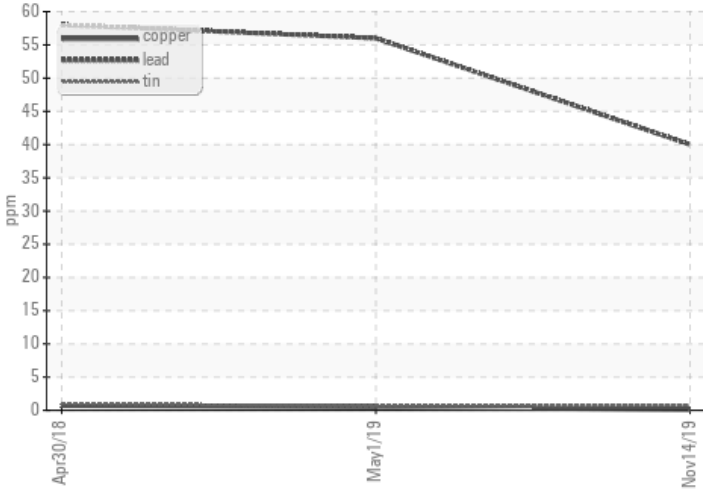
**Depot:** ASPDRU  
**Unique No:** 4978914  
**Signed:** Peter Castagne  
**Report Date:** 11 Mar 2020

# GRAPHS

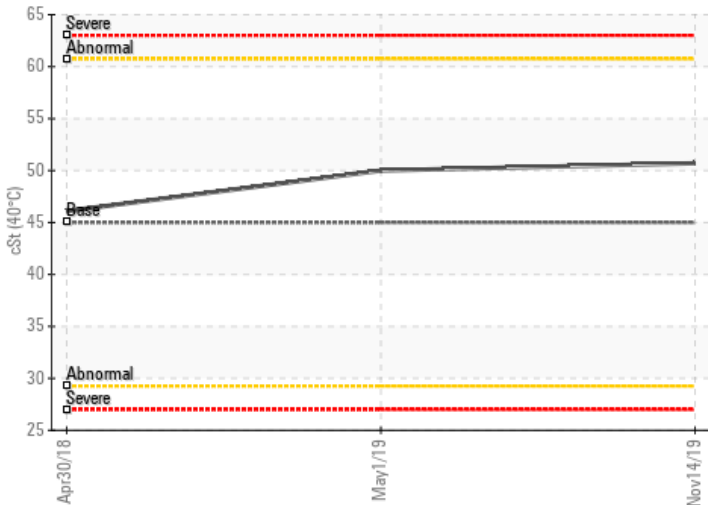
## Ferrous Alloys



## Non-ferrous Metals



## Viscosity @ 40°C



## Acid Number

