

KOMPTECH SHEDDER TERMINATOR 5000E - Planetary

Sample No: WC

Oil Type: PETRO CANADA ENDURATEX SYNTHETIC EP 220

SAMPLE INFORMATION

Sample Number	WC	WC979792	WC902492	WC979791
Sample Date	04 Mar 2020	03 Feb 2019	08 Feb 2018	07 Nov 2017
Machine Hours	8599	0	0	6687
Oil Hours	500	500	500	500
Oil Changed	Not Changd	N/A	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

AIM ENVIRONMENTAL GROUP

1579 BURLINGTON ST EAST
HAMILTON, ON
Canada L8H 3L2
Contact: Sean Wely
sean@aimgroup.ca
T: (905)912-1018
F:

OIL CONDITION

Visc @ 40°C	cSt	224	223	221	219
Acid Number (AN)	mg KOH/g	1.238	1.27	1.13	2.17

CONTAMINATION

Silicon	ppm	4	6	11	<1
Sodium	ppm	0	0	0	<1
Potassium	ppm	<1	<1	<1	1

WEAR METALS

PQ		21	14	6	11
Iron	ppm	36	32	48	66
Copper	ppm	<1	<1	<1	<1
Lead	ppm	<1	<1	<1	4
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	<1	0	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0

ADDITIVES

Calcium	ppm	8	3	2	7
Magnesium	ppm	0	<1	<1	0
Zinc	ppm	17	13	14	28
Phosphorus	ppm	430	400	425	389
Barium	ppm	0	0	0	0
Boron	ppm	21	20	10	33

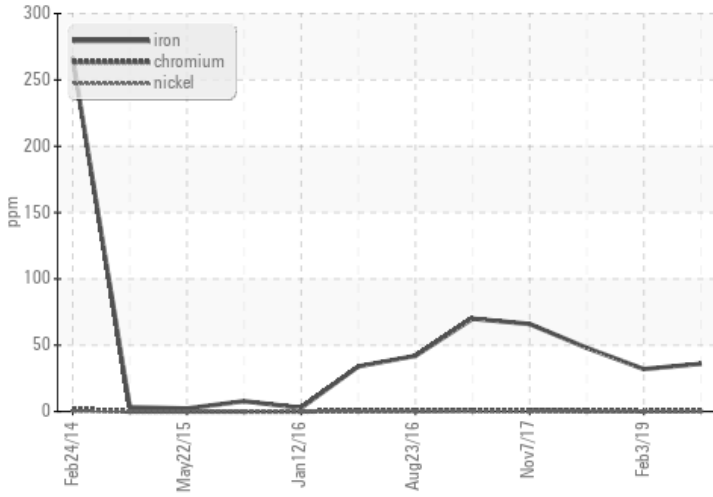
Diagnosis

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 AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

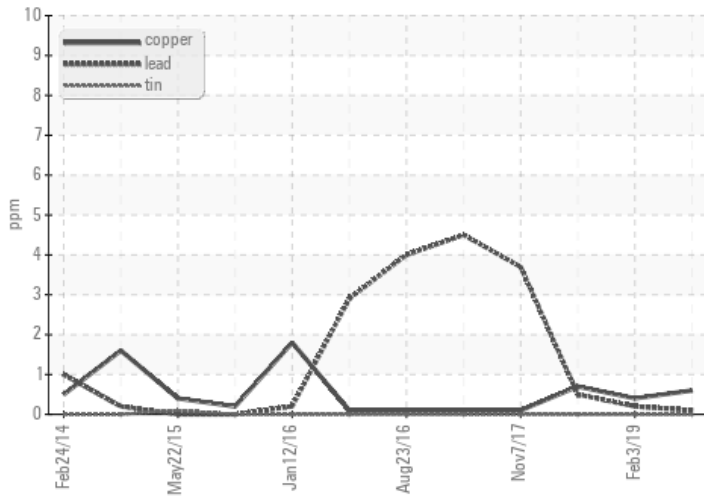
Depot: AIM157HAM
Unique No: 5017517
Signed: Wes Davis
Report Date: 09 Mar 2020

GRAPHS

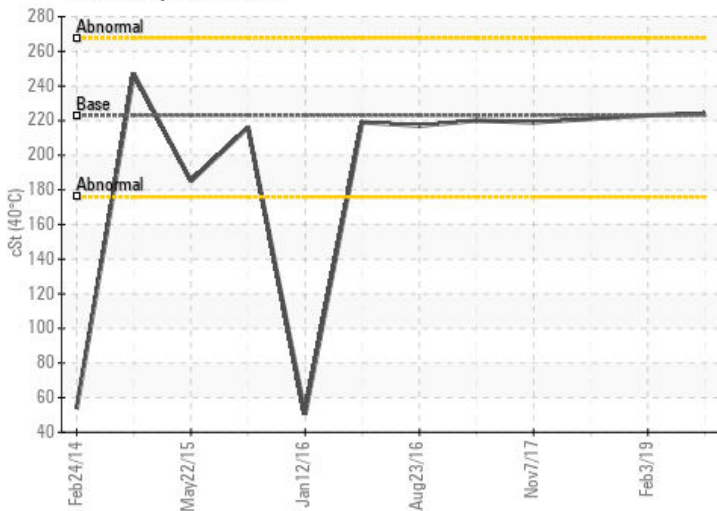
Ferrous Alloys



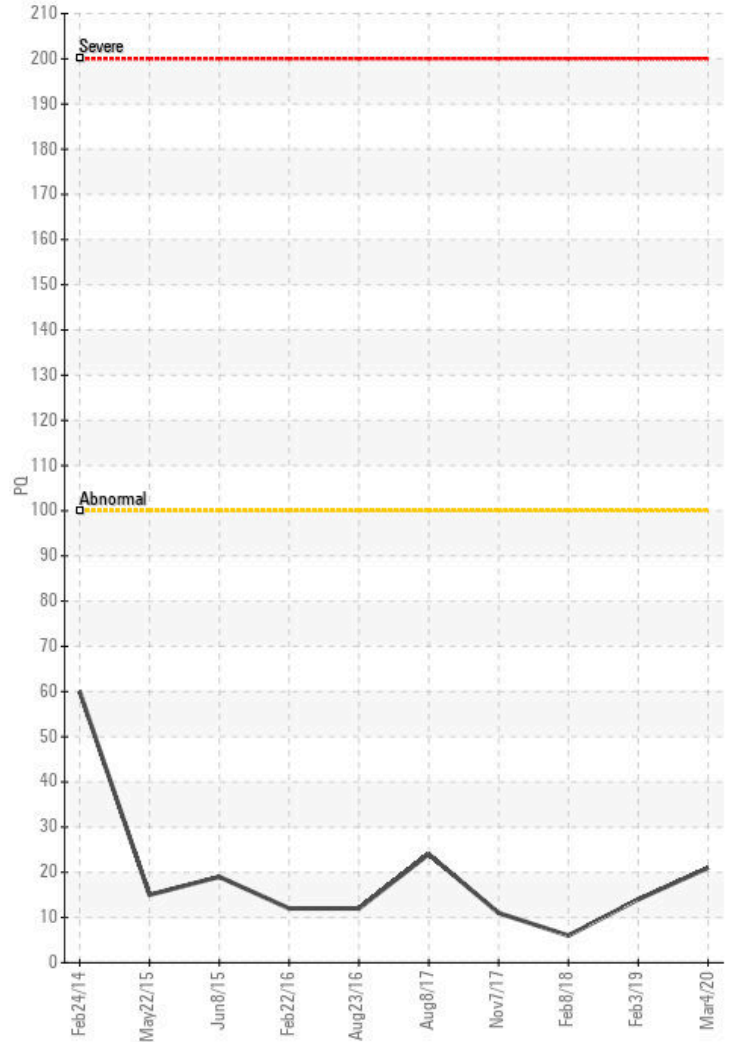
Non-ferrous Metals



Viscosity @ 40°C



PQ



Acid Number

