

[DEX] A48A19 - 2001 NO 1 BULK RTX TRANSPORT - BLOWER

Sample No: WC0580291

Oil Type: PETRO CANADA PURITY FG SYNTH EP GEAR 220

SAMPLE INFORMATION

Sample Number	WC0580291	WC0608471	WC0608472	WC0514038
Sample Date	19 Oct 2021	06 Aug 2021	29 Jul 2021	23 Apr 2021
Machine Hours	0	0	0	0
Oil Hours	0	0	0	0
Oil Changed	N/A	N/A	N/A	N/A
Sample Status	ABNORMAL	ABNORMAL	ABNORMAL	ABNORMAL

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OIL CONDITION

Visc @ 40°C	cSt	■ 223	■ 221	■ 228	■ 224
Acid Number (AN)	mg KOH/g	■ 0.228	■ 0.332	■ 0.254	■ 0.312

CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	▲ 29	■ 11	▲ 29	▲ 40
Sodium	ppm	■ 0	■ <1	■ 0	■ <1
Potassium	ppm	■ 0	■ 0	■ 0	■ 0

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Elemental level of silicon (Si) above normal. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

WEAR METALS

Iron	ppm	■ 21	▲ 63	● 27	● 21
Copper	ppm	■ <1	■ <1	■ 2	■ 1
Lead	ppm	■ 0	■ 0	■ 0	■ 0
Tin	ppm	■ 0	■ <1	■ 0	■ 0
Aluminum	ppm	■ 0	■ 0	■ 0	■ 0
Chromium	ppm	■ 0	■ 0	■ 0	■ <1
Molybdenum	ppm	■ 0	■ 0	■ 0	■ 0
Nickel	ppm	■ <1	■ 0	■ 0	■ <1
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	<1
Manganese	ppm	■ <1	■ <1	■ 0	■ <1
Vanadium	ppm	0	0	0	0

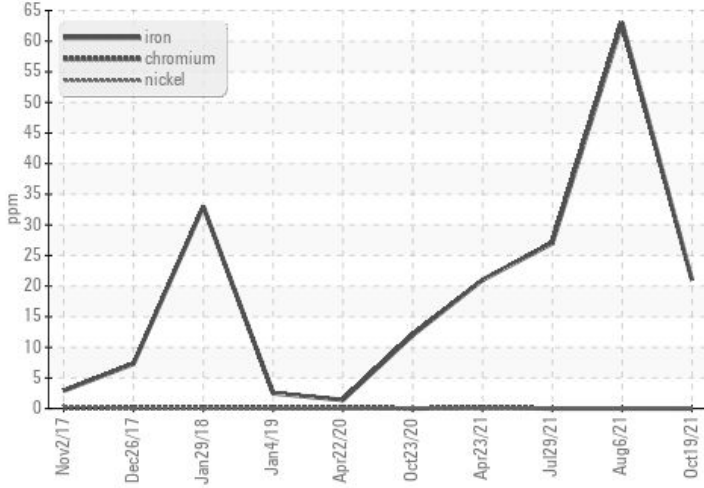
ADDITIVES

Calcium	ppm	■ 0	■ 0	■ 0	■ 0
Magnesium	ppm	■ 0	■ 0	■ 0	■ 0
Zinc	ppm	■ 0	■ 0	■ 0	■ 0
Phosphorus	ppm	■ 318	■ 392	■ 320	■ 366
Barium	ppm	■ 0	■ 0	■ 0	■ 0
Boron	ppm	■ 2	■ 2	■ 0	■ 1

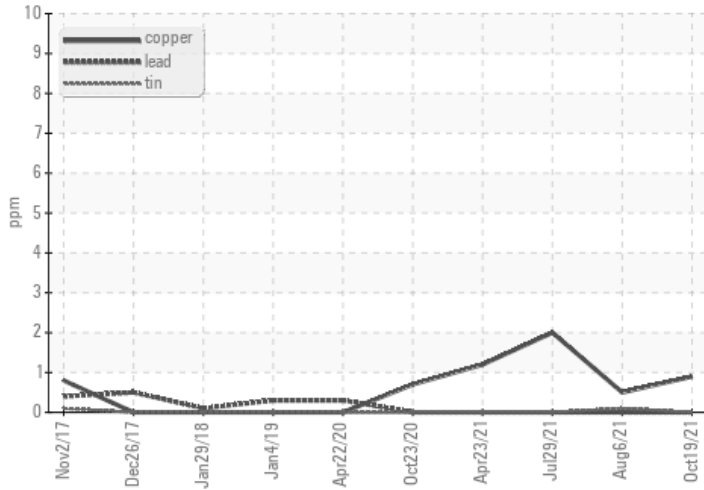
Depot: INGBED
Unique No: 9711247
Signed: Don Baldrige
Report Date: 26 Oct 2021

GRAPHS

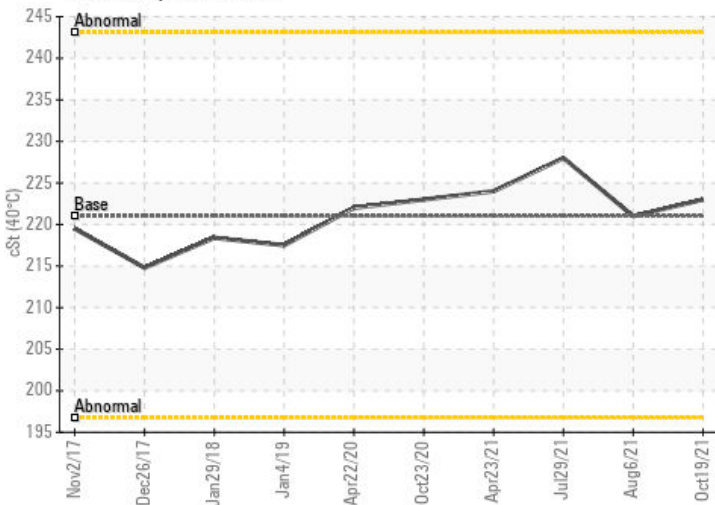
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Acid Number

