

PLASMEC COOLER (S/N 8403204) - GEARBOX

Sample No: RP0028974

Oil Type: {unknown}

SAMPLE INFORMATION

Sample Number	RP0028974	RP0020825	RP0016196	RP0016222
Sample Date	21 Dec 2023	17 Jan 2023	23 Jan 2022	08 Aug 2021
Machine Hours	0	0	0	0
Oil Hours	0	0	0	0
Oil Changed	N/A	N/A	Not Changd	Not Changd
Sample Status	ABNORMAL	ABNORMAL	NORMAL	ABNORMAL

WESTLAKE CHEMICAL - WESTFIELD
 44 GREIF WAY
 WESTFIELD, MA
 US 01085
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 F:

OIL CONDITION

Visc @ 40°C	cSt	224	224	226	225
Acid Number (AN)	mg KOH/g	0.61	0.59	0.564	0.527

CONTAMINATION

Water	%	0.015	0.005	0.006	0.014
Silicon	ppm	0	<1	<1	0
Sodium	ppm	0	<1	<1	0
Potassium	ppm	0	0	<1	0

WEAR METALS

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

ADDITIVES

Calcium	ppm	0	0	<1	0
Magnesium	ppm	<1	0	<1	0
Zinc	ppm	0	4	0	0
Phosphorus	ppm	1919	1972	1603	2039
Barium	ppm	0	0	0	0
Boron	ppm	0	0	<1	<1

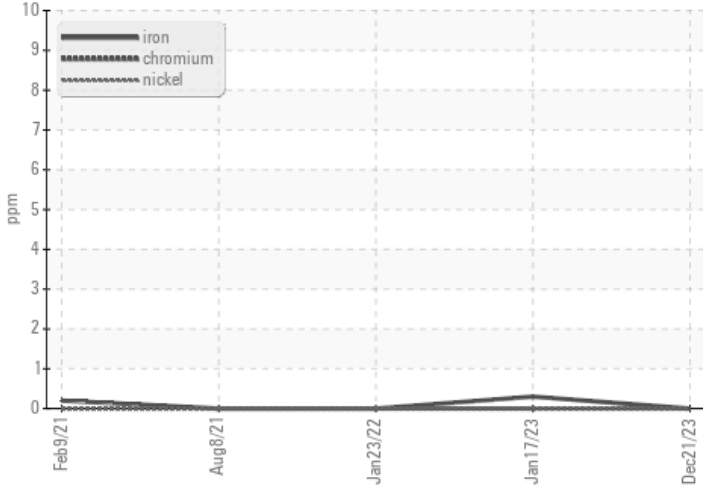
Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

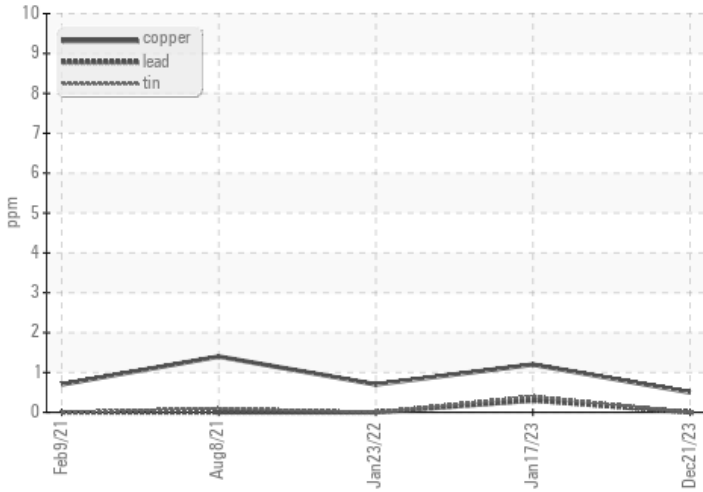
Depot: KLEWESMA
Unique No: 10821890
Signed: Don Baldrige
Report Date: 10 Jan 2024

GRAPHS

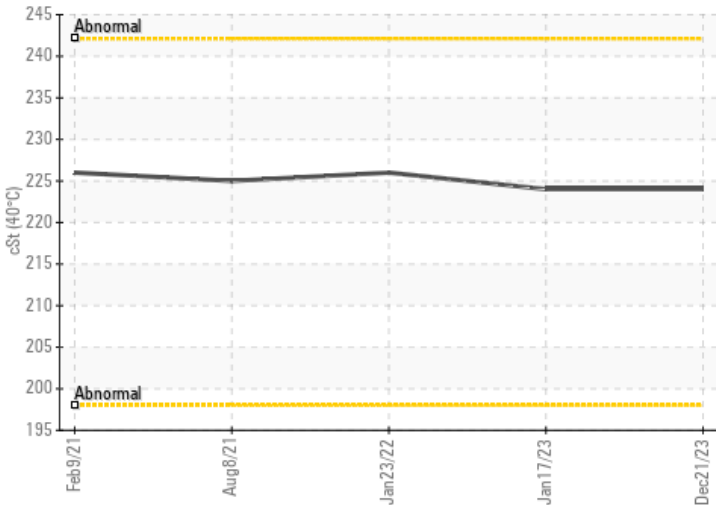
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Acid Number

