

GARDNER DENVER EXT 3 VPU (S/N S166559) - COMPRESSOR

Sample No: RP0025967

Oil Type: GARDNER DENVER AEON PD

SAMPLE INFORMATION

Sample Number	RP0025967	RP0028989	RP0020823	RP0020811
Sample Date	21 Dec 2023	28 Jun 2023	17 Jan 2023	28 Jul 2022
Machine Hours	0	0	0	0
Oil Hours	0	0	0	0
Oil Changed	N/A	N/A	N/A	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

WESTLAKE CHEMICAL - WESTFIELD
 44 GREIF WAY
 WESTFIELD, MA
 US 01085
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OIL CONDITION

Visc @ 40°C	cSt	212	212	211	211
Acid Number (AN)	mg KOH/g	0.77	1.04	0.84	0.82

CONTAMINATION

Water	%	0.009	0.005	0.003	0.006
Silicon	ppm	2	<1	<1	<1
Sodium	ppm	<1	<1	1	0
Potassium	ppm	0	<1	0	0

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The water content is negligible. 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.

WEAR METALS

Iron	ppm	20	19	17	21
Copper	ppm	0	0	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	<1	<1	1
Aluminum	ppm	3	4	3	7
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	0	24	0	<1
Nickel	ppm	0	0	0	1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0

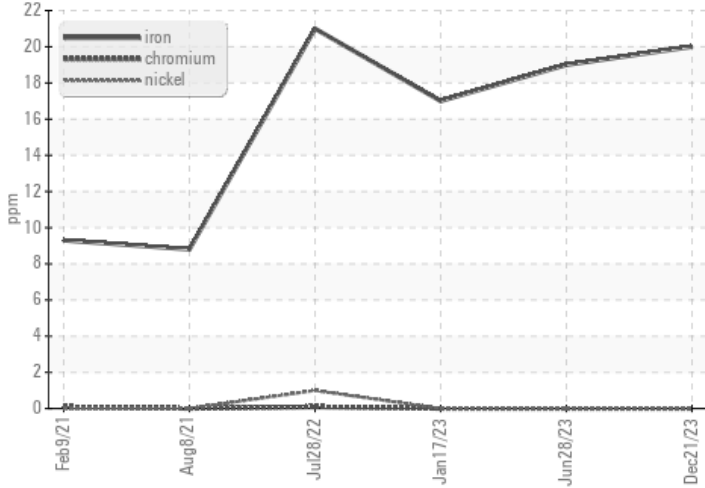
ADDITIVES

Calcium	ppm	0	3	0	0
Magnesium	ppm	0	1	<1	0
Zinc	ppm	115	185	133	134
Phosphorus	ppm	634	721	618	542
Barium	ppm	0	<1	0	0
Boron	ppm	0	0	0	2

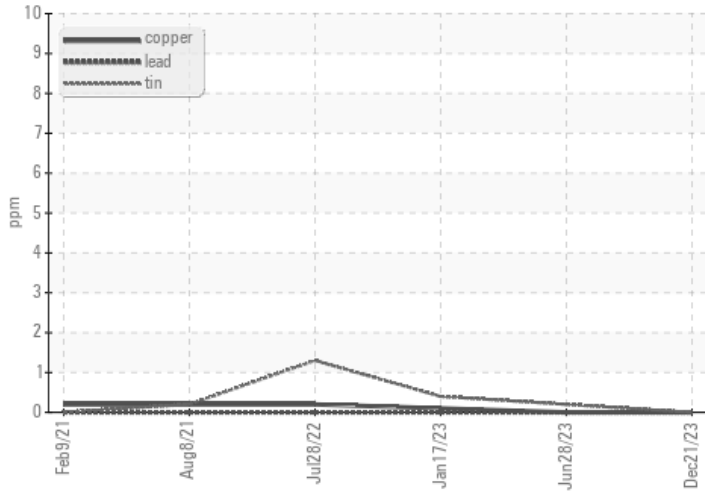
Depot: KLEWESMA
Unique No: 10821889
Signed: Don Baldrige
Report Date: 10 Jan 2024

GRAPHS

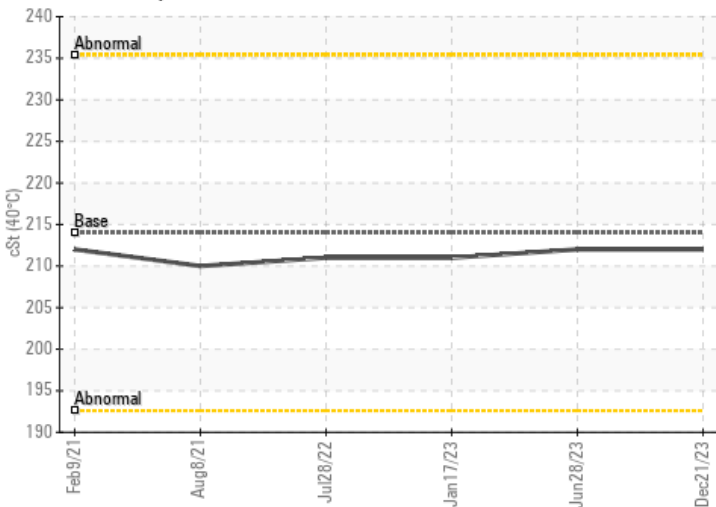
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Acid Number

