

COOLANT REPORT



JOHN DEERE 744P LDR016

Component

Coolant

JOHN DEERE COOLGARD II (--- GAL)

Recommendation

The fluid is suitable for further service. Resample at the next service interval to monitor.

Corrosion

All metal levels are normal indicating no corrosion in the cooling system.

Contaminants

There is no indication of any contamination in the coolant.

Coolant Condition

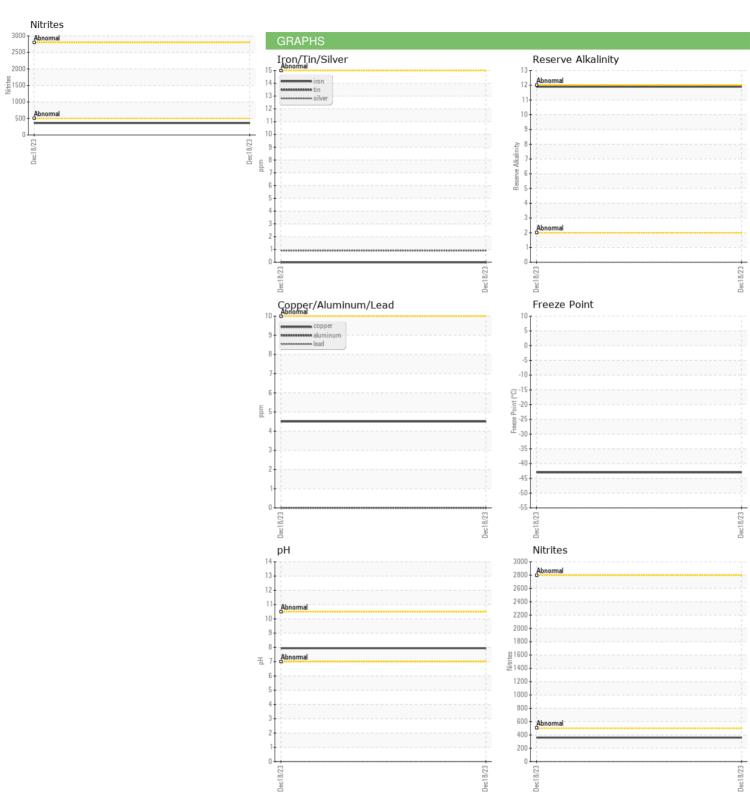
The pH level of this fluid is within the acceptable limits. The reserve alkalinity of this fluid is acceptable.

Sampl	Sample Rating Trend				
	Dec20	23			
hod	limit/haca	current	hietory1		

				Dec2023		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0886099		
Sample Date		Client Info		18 Dec 2023		
Machine Age	hrs	Client Info		2515		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		Not Changd		
Sample Status				NORMAL		
PHYSICAL TEST R	RESULTS	method	limit/base	current	history1	history2
Specific Gravity		ASTM D1298*		1.071		
рН	Scale 0-14	ASTM D1287*		7.94		
Nitrites	ppm	Alcan Test Kit*		360		
Reserve Alkalinity	Scale 0-20	ASTM D1121*		11.9		
Percentage Glycol	%	ASTM D3321*		53.1		
Freezing Point	°C	ASTM D3321*		-43		
Carboxylate						
CORROSION INHI	IBITORS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)		91		
Phosphorus	ppm	ASTM D5185(m)		117		
Boron	ppm	ASTM D5185(m)		1025		
Molybdenum	ppm	ASTM D5185(m)		126		
CORROSION		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>15	0		
Aluminum	ppm	ASTM D5185(m)	>10	0		
Copper	ppm	ASTM D5185(m)	>10	4		
Lead	ppm	ASTM D5185(m)	>10	0		
Tin	ppm	ASTM D5185(m)	>10	0		
Silver	ppm	ASTM D5185(m)	>10	<1		
Zinc	ppm	ASTM D5185(m)		1		
CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D5185(m)		9305		
Potassium	ppm	ASTM D5185(m)		327		
SCALE POTENTIA	AL	method	limit/base	current	history1	history2
Calcium	ppm	ASTM D5185(m)	>100	4		
Magnesium	ppm	ASTM D5185(m)	>40	2		
Hardness	mg/L CaCO3	In-house*	<75	15		
VISUAL		method	limit/base	current	history1	history2
Coolant Color		Visual*		Orange		
Coolant Appearance		Visual*	Clear	Clear		
Color					no image	no image
Bottom					no image	no image



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CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No. Lab Number Unique Number : 5698560 Test Package : COOL

: WC0886099 : 02605475

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9

Recieved Diagnosed Diagnostician : Kevin Marson

: 27 Dec 2023 : 28 Dec 2023

Agnico Eagle Canada 1350 Government Rd. W, MACASSA COMPLEX Kirkland Lake, ON

CA P2N 3J1 Contact: Mitch Lamontagne

To discuss this sample report, contact Customer Service at 1-800-268-2131. Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab. Validity of results and interpretation are based on the sample and information as supplied.

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