

Machine Id DHKCEBBWJN0002564

Component Swing Drive

DOOSAN 80W90 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

There is no indication of any contamination in the oil.

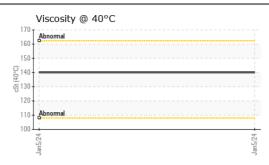
FLUID CONDITION

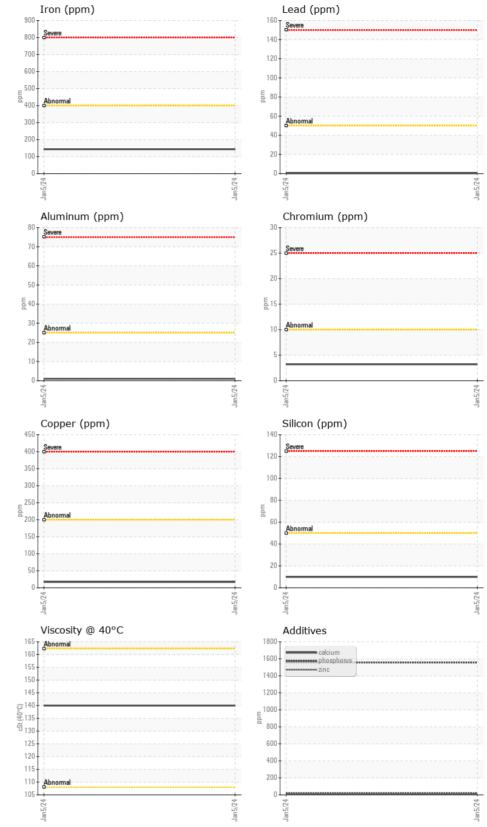
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0890729		
Sample Date		Client Info		05 Jan 2024		
Machine Age	hrs	Client Info		944		
Oil Age	hrs	Client Info		944		
Filter Age	hrs	Client Info		0		
Oil Changed		Client Info		Changed		
Filter Changed		Client Info		N/A		
Sample Status				NORMAL		
Iron			. 400	140		
Iron	ppm	ASTM D5185(m)	>400	143		
Chromium	ppm	ASTM D5185(m)	>10	3		
Nickel	ppm	ASTM D5185(m)	>10	<1		
Titanium	ppm	ASTM D5185(m)		0		
Silver	ppm	ASTM D5185(m)	. 05	0		
	ppm	ASTM D5185(m)	>25	-		
Lead	ppm	ASTM D5185(m)	>50	<1		
Copper	ppm	ASTM D5185(m)	>200	17		
Tin	ppm	ASTM D5185(m)	>10	0		
Vanadium	ppm	ASTM D5185(m)	NONE	0		
White Metal Yellow Metal	scalar	Visual*	NONE	NONE		
	scalar	Visual*	NONE	NONE		
Silicon	ppm	ASTM D5185(m)	>50	10		
Silicon	ppm	ASTM D5185(m)	>50	10		
Silicon Potassium	ppm	ASTM D5185(m) ASTM D5185(m)	>50 >20	10 <1		
Silicon Potassium Water	ppm ppm	ASTM D5185(m) ASTM D5185(m) WC Method	>50 >20 >0.2	10 <1 NEG		
Silicon Potassium Water Silt	ppm ppm scalar	ASTM D5185(m) ASTM D5185(m) WC Method Visual*	>50 >20 >0.2 NONE	10 <1 NEG NONE		
Silicon Potassium Water Silt Debris	ppm ppm scalar scalar	ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual*	>50 >20 >0.2 NONE NONE	10 <1 NEG NONE NONE		
Silicon Potassium Water Silt Debris Sand/Dirt	ppm ppm scalar scalar scalar	ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual*	>50 >20 >0.2 NONE NONE NONE	10 <1 NEG NONE NONE NONE		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance	ppm ppm scalar scalar scalar scalar	ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual*	>50 >20 >0.2 NONE NONE NONE NORML	10 <1 NEG NONE NONE NONE NORML		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water	ppm ppm scalar scalar scalar scalar scalar	ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* Visual*	>50 >20 >0.2 NONE NONE NONE NORML NORML	10 <1 NEG NONE NONE NORE NORML NEG		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium	ppm ppm scalar scalar scalar scalar scalar scalar ppm	ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* Visual* Visual*	>50 >20 >0.2 NONE NONE NONE NORML NORML	10 <1 NEG NONE NONE NORML NORML NEG 2		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron	ppm ppm scalar scalar scalar scalar scalar scalar gppm	ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* Visual* ASTM D5185(m)	>50 >20 >0.2 NONE NONE NONE NORML NORML	10 <1 NEG NONE NONE NORML NORML NEG 2 <1		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium	ppm ppm scalar scalar scalar scalar scalar scalar ppm ppm	ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m)	>50 >20 >0.2 NONE NONE NONE NORML NORML	10 <1 NEG NONE NONE NORML NORML NEG 2 <1 1		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium	ppm ppm scalar scalar scalar scalar scalar scalar ppm ppm	ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	>50 >20 >0.2 NONE NONE NONE NORML NORML	10 <1 NEG NONE NONE NORML NORML NEG 2 <1 1 0		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	ppm ppm scalar scalar scalar scalar scalar gpm ppm ppm	ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	>50 >20 >0.2 NONE NONE NONE NORML NORML	10 <1 NEG NONE NONE NORML NORML NEG 2 <1 1 0 4		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm	ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	>50 >20 >0.2 NONE NONE NONE NORML NORML	10 <1 NEG NONE NONE NORML NORML NEG 2 <1 1 0 4 2		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	>50 >20 >0.2 NONE NONE NONE NORML NORML	10 <1 NEG NONE NONE NORML NORML NEG 2 <1 1 0 4 2 8		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	>50 >20 >0.2 NONE NONE NONE NORML NORML	10 <1 NEG NONE NONE NORML NORML NEG 2 <1 1 0 4 2 8 1557		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm	ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	>50 >20 >0.2 NONE NONE NONE NORML NORML	10 <1 NEG NONE NONE NORML NORML NEG 2 <1 1 0 4 2 8 1557 23		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	>50 >20 >0.2 NONE NONE NONE NORML NORML	10 <1 NEG NONE NONE NORML NORML NEG 2 <1 1 0 4 2 8 1557		

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Contact/Location: CG Equipment CG Guelph - CGEGUE







C.G. EQUIPMENT Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 CALA Sample No. : WC0890729 Recieved : 09 Jan 2024 7367 Wellington Rd. 30, Unit A Lab Number : 02607572 Diagnosed : 09 Jan 2024 Guelph, ON ISO 17025:2017 : 5708658 Diagnostician Accredited Unique Number : Wes Davis CA NOM 2T0 Laboratory Test Package : MOB 1 Contact: CG Equipment CG Guelph To discuss this sample report, contact Customer Service at 1-800-268-2131. cory@cgequipment.com Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab. T: (519)826-0550 Validity of results and interpretation are based on the sample and information as supplied. F: (519)837-2055

Contact/Location: CG Equipment CG Guelph - CGEGUE

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