

WEAR NORMAL CONTAMINATION NORMAL FLUID CONDITION NORMAL

Machine Id FORGE 3 Component Hydraulic System Fluid SHELL TELLUS S2 MX 68 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample.

WEAR

All component wear rates are normal.

CONTAMINATION

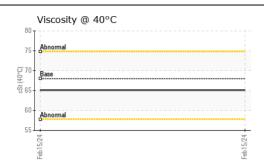
There is no indication of any contamination in the oil.

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		WC0408468		
Sample Date		Client Info		15 Feb 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Filter Age	hrs	Client Info		0		
Oil Changed		Client Info		Not Changd		
Filter Changed		Client Info		Not Changd		
Sample Status				NORMAL		
			. 00	4		
Iron	ppm	ASTM D5185m	>20	1		
Chromium	ppm	ASTM D5185m	>20	<1		
Nickel	ppm	ASTM D5185m	>20	<1		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m	. 00	<1		
Aluminum	ppm	ASTM D5185m	>20	<1		
Lead	ppm	ASTM D5185m	>20	<1		
Copper	ppm	ASTM D5185m	>20	2		
Tin	ppm	ASTM D5185m	>20	<1		
Vanadium	ppm	ASTM D5185m	NONE	0		
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Silicon	ppm	ASTM D5185m	>15	1		
Silicon	ppm	ASTM D5185m	>15	1		
Silicon Potassium	ppm	ASTM D5185m ASTM D5185m	>15 >20	1 4		
Silicon Potassium Water	ppm ppm	ASTM D5185m ASTM D5185m WC Method	>15 >20 >0.05	1 4 NEG		
Silicon Potassium Water Silt	ppm ppm scalar	ASTM D5185m ASTM D5185m WC Method *Visual	>15 >20 >0.05 NONE	1 4 NEG NONE		
Silicon Potassium Water Silt Debris	ppm ppm scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual	>15 >20 >0.05 NONE NONE	1 4 NEG NONE NONE	 	
Silicon Potassium Water Silt Debris Sand/Dirt	ppm ppm scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual	>15 >20 >0.05 NONE NONE NONE	1 4 NEG NONE NONE NONE	 	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance	ppm ppm scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual	>15 >20 >0.05 NONE NONE NONE NORML	1 4 NEG NONE NONE NONE NORML	 	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water	ppm ppm scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual	>15 >20 >0.05 NONE NONE NORE NORML	1 4 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	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>15 >20 >0.05 NONE NONE NORE NORML	1 4 NEG NONE NONE NORML NORML NEG 0	 	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron	ppm ppm scalar scalar scalar scalar scalar scalar ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>15 >20 >0.05 NONE NONE NORE NORML	1 4 NEG NONE NONE NORML NORML NEG 0 0		
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 D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m	>15 >20 >0.05 NONE NONE NORE NORML	1 4 NEG NONE NONE NORML NORML NEG 0 0	 	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum	ppm ppm scalar scalar scalar scalar scalar scalar ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m	>15 >20 >0.05 NONE NONE NORE NORML	1 4 NEG NONE NONE NORML NORML NEG 0 0 5 < 1		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	ppm ppm scalar scalar scalar scalar scalar scalar ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>15 >20 >0.05 NONE NONE NORE NORML	1 4 NEG NONE NONE NORML NORML NEG 0 0 5 <1 <1		
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	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>15 >20 >0.05 NONE NONE NORE NORML	1 4 NEG NONE NONE NORML NORML NEG 0 0 5 <1 <1 <1 48		
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 D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>15 >20 >0.05 NONE NONE NONE NORML	1 4 NEG NONE NONE NORML NORML NEG 0 5 <1 <1 <1 48 26		
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 scalar ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>15 >20 >0.05 NONE NONE NONE NORML	1 4 NEG NONE NONE NORML NORML NEG 0 0 5 <1 <1 <1 48 26 201		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>15 >20 >0.05 NONE NONE NONE NORML	1 4 NEG NONE NONE NORML NORML NEG 0 0 5 <1 <1 <1 48 26 201 286		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Malybdenum Manganese Magnesium Calcium	ppm ppm scalar scalar scalar scalar scalar scalar ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>15 >20 >0.05 NONE NONE NONE NORML	1 4 NEG NONE NONE NORML NORML NEG 0 0 5 <1 <1 <1 48 26 201		

Contact/Location: Service Manager - DANBLA



Ferrous Alloys 10 iron e chron nickel 8 6 udd 5 0 Feb15/24 -Feb15/24 Non-ferrous Metals 10 M lead bpm 0 Feb15/24 -Feb15/24 Viscosity @ 40°C 76 Abnormal 74 72 70 68 Bas cSt (40°C) 99 64 62 60 58 Abnorma 56 Feb15/24 -Feb15/24 -



	Certificate L2367	Sample No. Lab Number Unique Number Test Package	: 10897732 : IND 1	Received Tested Diagnosed	: 23 Feb 2024 : 26 Feb 2024 : 26 Feb 2024 - Wes Davis	DANIEL DEFENSE 101 WARFIGHTER WAY BLACK CREEK, GA US 31308 Contact: Service Manager	
To discuss this sample report, contact Customer Service at 1-800-237-1369. * - Denotes test methods that are outside of the ISO 17025 scope of accreditation.							
				'	ccreditation. eptance decision rule (JCGM 106:2	T: 012) F:	

Report Id: DANBLA [WUSCAR] 06099502 (Generated: 02/27/2024 13:54:59) Rev: 1

Contact/Location: Service Manager - DANBLA