

WEAR NORMAL CONTAMINATION ABNORMAL FLUID CONDITION NORMAL

Machine Id 53027 Component Hydraulic System Fluid {not provided} (--- GAL) RECOMMENDATION

We recommend you service the filters on this component. Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

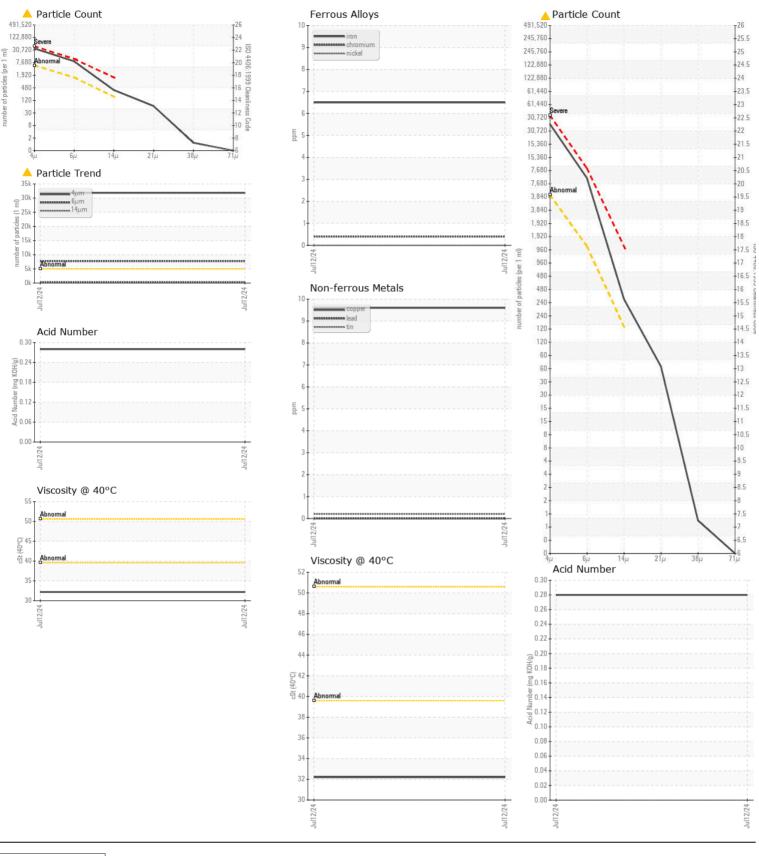
CONTAMINATION

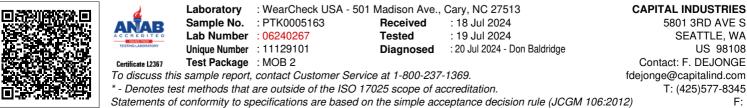
There is a high amount of particulates present in the oil.

FLUID CONDITION

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PTK0005163		
Sample Date		Client Info		12 Jul 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				ABNORMAL		
Iron	ppm	ASTM D5185m	>20	6		
Chromium	ppm	ASTM D5185m	>20	<1		
Nickel	ppm	ASTM D5185m	>20	0		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		<1		
Aluminum	ppm	ASTM D5185m	>20	4		
Lead	ppm	ASTM D5185m	>20	0		
Copper	ppm	ASTM D5185m	>20	10		
Tin	ppm	ASTM D5185m	>20	<1		
Vanadium	ppm	ASTM D5185m		<1		
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
				•		
Silicon	ppm	ASTM D5185m	>15	2		
Potassium	ppm	ASTM D5185m	>20	4		
Water		WC Method	>0.05	NEG		
Particles >4µm		ASTM D7647	>5000	A 31843		
Particles >6µm		ASTM D7647	>1300	A 7738		
Particles >14µm		ASTM D7647	>160	▲ 327		
Particles >21µm		ASTM D7647	>40	▲ 56		
Particles >38µm		ASTM D7647	>10	1		
Particles >71µm		ASTM D7647	>3	0		
Oil Cleanliness		ISO 4406 (c)	>19/17/14	A 22/20/16		
Silt	scalar	*Visual	NONE	NONE		
Debris	scalar	*Visual	NONE	NONE		
Sand/Dirt	scalar	*Visual	NONE	NONE		
Appearance	scalar	*Visual	NORML	NORML		
Odor	scalar	*Visual	NORML	NORML		
Emulsified Water	scalar	*Visual	>0.05	NEG		
Sodium	ppm	ASTM D5185m		0		
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m		<1		
Molybdenum	ppm	ASTM D5185m		1		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m		93		
Calcium	ppm	ASTM D5185m		79		
Phosphorus	ppm	ASTM D5185m		267		
Zinc	ppm	ASTM D5185m		381		
Sulfur	ppm	ASTM D5185m		4742		
Acid Number (AN)	mg KOH/g	ASTM D3103III		0.28		
Visc @ 40°C	cSt	ASTM D0045 ASTM D445		32.2		
150 @ 40 0	001	A0 HVI D440		32.2		





Contact/Location: F. DEJONGE - CAPSEAWA Page 2 of 2