

#### Machine Id HYUNDAI HL980 25046 (S/N 0150)

#### Component Transmission

DIESEL ENGINE OIL SAE 10W30 (10 GAL)

RECOMMENDATION
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Resample at the next service interval to monitor.

### WEAR

All component wear rates are normal.

## CONTAMINATION

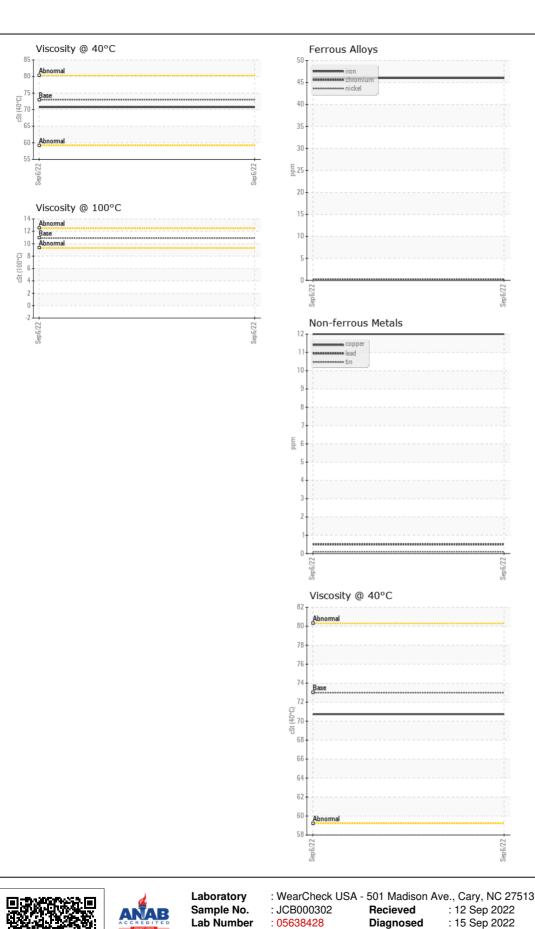
There is no indication of any contamination in the fluid.

# FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JCB000302		
Sample Date		Client Info		06 Sep 2022		
Machine Age	hrs	Client Info		6202		
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		
				40		
Iron	ppm	ASTM D5185m	>200	46		
Chromium	ppm	ASTM D5185m	>10	<1		
Nickel	ppm	ASTM D5185m		0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m	-	<1		
Aluminum	ppm	ASTM D5185m	>50	4		
Lead	ppm	ASTM D5185m	>50	<1		
Copper	ppm	ASTM D5185m	>200	12		
Tin	ppm	ASTM D5185m	>10	<1		
Vanadium	ppm	ASTM D5185m		0		
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Silicon	ppm	ASTM D5185m	>50	5		
Potassium	ppm	ASTM D5185m	>20	3		
Water		WC Method	>0.1	NEG		
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	>0.1	NEG		
Sodium	ppm	ASTM D5185m		5		
Boron	ppm	ASTM D5185m	250	364		
Barium	ppm	ASTM D5185m	10	0		
Molybdenum	ppm	ASTM D5185m	100	93		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m	450	427		
Calcium	ppm	ASTM D5185m	3000	1925		
Phosphorus	ppm	ASTM D5185m	1150	761		
Zinc	ppm	ASTM D5185m	1350	964		
		ASTM D5185m	4250	2955		
Sulfur	DDIII					
Sulfur Visc @ 40°C	ppm cSt	ASTM D3103III	73	70.73		

Contact/Location: CHRIS TORRES - CISSAN



Unique Number : 10127958

Test Package : FLEET (Additional Tests: FT-IR, KV100)

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.

CISCO EQUIPMENT SALES LLC - SAN ANGELO 620 N BELL ST SAN ANGELO, TX US 76903 Contact: CHRIS TORRES ctorres@ciscoeq.com T: Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (325)653-5904

Sep6/22.

Diagnostician : Jonathan Hester

Certificate L2367

Contact/Location: CHRIS TORRES - CISSAN