Hastings Deering CAT

Condition Monitoring Centre

ANTHONY PAANS Default Site 001 HYDRAULIC SYSTEM	UNIT INFORMATION **M/M** : CASE MAGNUM TRACTOR **S/N** : ZDRD07124 **LOC** : AR Gatton	COMPONENT INFORMATION **Make** : **Model** : **S/N** :	SHOP JOB SEGMENT 001

Express Post Satchels can be recycled. Please return any unused satchels.

B CORRECTIVE ACTION MAY BE REQUIRED

DATE 18/03/2024 **LCN** 20015915

Viscosity acceptable for oil grade indicated. Medium amount of non-metallic foreign material and magnetic metal was observed. PQ index (Ferrous debris) is high. Iron is slightly high. All other completed test results appear acceptable. **Suggested Action:** Advise further monitoring of this compartment. Inspect the used oil filters for abnormal debris. Review sampling procedure in the event sampling technique has influenced results. More samples are needed to establish a trend. Resample at half the recommended interval to confirm normal conditions. Sample Notes:

CURRENT SAMPLE	TOOK 4 DAYS TO REACH LAB	INTERPRETED BY	Calvin Wang	ANALYSED BY	samlines	MAINTENANCE	

DATE **LCN**

PREVIOUS SAMPLE	TOOK 0 DAYS TO REACH LAB	INTERPRETED BY		ANALYSED BY		MAINTENANCE	

IDENT		SAMPLE INFORMATION							ELEMENTAL ANALYSIS															FTIR ANALYSIS				MISC					
SMU	E	CMU	FMU	C	SAMPLE DATE	LAB DATE	LCN	OIL ADD	Cu Copper	Fe Iron	Cr Chromium	Pb Lead	Al Aluminium	Si Silicon	Sn Tin	Ni Nickel	Mn Manganese	V Vanadium	Ti Titanium	Ag Silver	Sb Antimony	S Sulfur	UST Soot	UOXI Oxidation	UNIT Nitration	USUL Sulfation	AN Acid #	TAN Total Acid	TBN Base #	COL Colour	RULER Life %	MPC Patch Co
6283	B	6,283	283	N	180324	220324	20015915	0.00	6	29	<1	<1	2	10	<1	<1	<1	<1	<1	<1	<1			21	<1							

IDENT		FLUID CHARACTERISTICS												PHYSICAL TESTING										PARTICLE ANALYSIS						
SMU	E	OIL BRAND	OIL GRADE	Ca Calcium	Mg Magnesium	Zn Zinc	P Phosphorus	Mo Molybdenum	B Boron	Ba Barium	Cd Cadmium	V40 Vis. 40C	V100 Vis. 100C	F Fuel %	Na Sodium	K Potassium	WAT Water	WKF Water PPM	OH Hydroxyl	Li Lithium	PQ PQ Index	DEP Deposits	GLYC Glycol	PC4 >4 µm	PC6 >6 µm	PC14 >14 µm	PC38 >38 µm	PC50 >50 µm	ISO ISO 4406	ISO4407 ISO 4407
6283	B	CASE HY-TRAN PREMIU	10W30	2609	10	697	817	<1	50	<1	<1	55			1	<1	<0.1			<1	89	MMF-		90356	21174	799	5	1	24/22/17	