

AG MACHINERY MATE
Default Site
0003 HYDRAULIC SYSTEM

UNIT INFORMATION

M/M: CASE PUMA 145 CVT DRIVE

S/N: ZCBP50488 LOC: AR GATTON COMPONENT INFORMATION

Make : Model : S/N : SHOP JOB/SEGMENT

Condition Monitoring Centre

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. 1		Express Post Satchels can be recycled. Please return any unused satchels
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B CORRECTIVE ACTION MAY BE REQUIRED

DATE 18/06/2024 **LCN** 20383907

Please advise Specific Make & Grade of oil with future samples. Particle count is elevated in the larger size channels. Iron, aluminium and silicon are slightly high. All other completed test results appear acceptable. **Suggested Action:** Inspect any filter(s)/magnetic plugs for abnormal debris. Inspect for leaks at seals, fill points/breathers and for scores in the rods of hydraulic cylinders that may allow dirt to enter system. Resample at a reduced interval to confirm normal conditions. Sample Notes:

CURRENT SAMPLE	TOOK 5 DAYS TO REACH LAB	INTERPRETED BY	Dean Beeston	ANALYSED BY	jacoblt	MAINTENANCE	
				DATE		LCN	
	-			1			

IDEN		SAMPLE INFORMATION								ELEMENTAL ANALYSIS													FT	IR AN	IALYS	SIS	MISC					
SMU	Е	СМИ	FMU	С	SAMPLE DATE	LAB DATE	LCN	OIL ADD	Cu Copper	Fe Iron	Cr Chromium	Pb Lead	Al	Si	Sn Tin	Ni Nickel	Mn Manganes	V Vanadium	Ti Titanium	Ag Silver	Sb Antimony	S Sulfur	UST Soot	UOXI Oxidation		USUL Sulfation		TAN Fotal Acid	TBN Base #		RULER Life %	MPC e Patch Co
7993	В	7,993		N	180624	230624	20383907	0.00	9	19	<1	<1	4	12	<1	<1	<1	<1	<1	<1	<1			7	<1							

IDEN	DENT FLUID CHARACTERISTICS											PHYS	SICAL	TEST	ING		PARTICLE ANALYSIS												
SMU	E	OIL BRAND	OIL GRADE	Ca Calcium	Mg Magnesiu	Zn Zinc	Phosphore	Mo ./lolybdenur	B Boron	Ba Barium	Cd Cadmium	V40 Vis. 40C	V100 Vis. 100C	Na Sodium	K Potassium	WAT Water		OH Hydroxyl	Li Lithium	PQ PQ Index			PC4 >4 µm		PC14 >14 μm	PC38 >38 µm	PC50 >50 μm	ISO ISO 4406	ISO4407 ISO 4407
7993	В			2952	25	1086	929	<1	49	<1	<1	56		4	2	<0.1			<1	7	LCF-		109734	64575	3354	97	47	24/23/19	

AG MACHINERY MATE ATTN: Valuable Customer 163 LAKES DRIVE LAIDLEY HEIGHTS, QLD, 4341