

TEST REPORT

EQUIPMENT DETAILS		SAMPLE DETAILS	
EQUIPMENT NAME:		REPORT NO:	7
COMPONENT:		SAMPLE DATE:	11.11.2020
MFR:		RECIEVED DATE:	14.11.2020
AREA:		REPORT DATE:	18.11.2020
LUBRICANT NAME:	AGIP ACER 150	LAB SAMPLE ID:	1

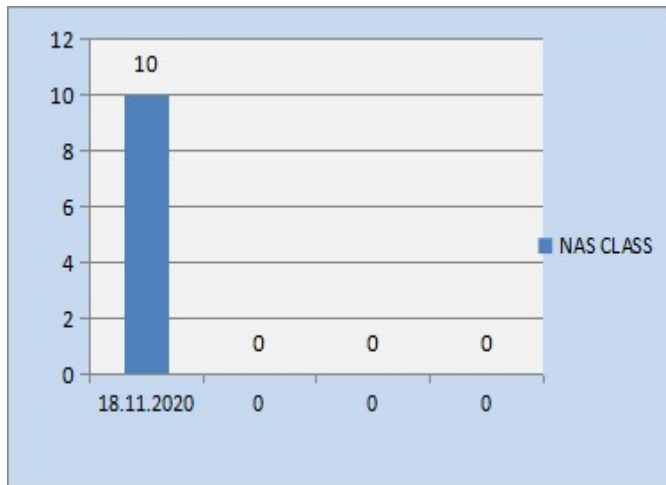
OIL ANALYSIS TEST REPORT

TEST PARAMETERS(Physio-Chemical Properties)	UOM	LIMITS	RESULTS			TEST METHOD
			CURRENT SAMPLE	PREVIOUS THREE SAMPLES		
			18.11.2020			
Kinematic Viscosity @40 deg.C	cSt	126.9-155.1	132.4			ASTM D445
Kinematic Viscosity @100 deg.C	cSt	12.0-16.0	13.2			ASTM D445
Viscosity Index	MIN	90	92			ASTM D2270
Moisture Content	PPM	500	328.6			ASTM D6304
Total Acid Number (TAN)	mgKOH/gm	<1	0.54			ASTM D 664

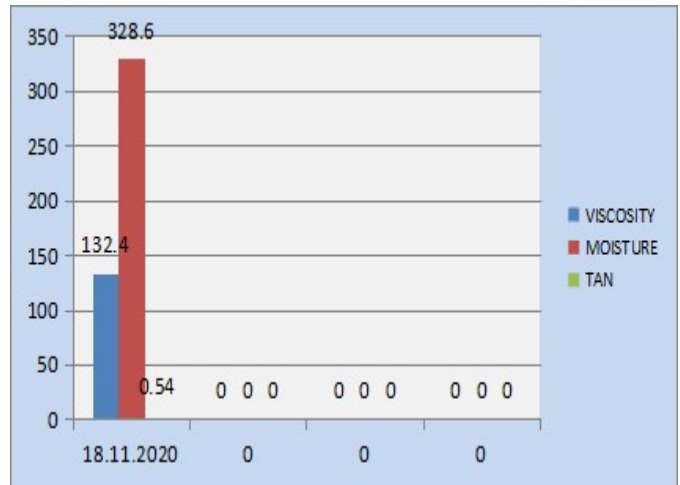
PARTICLE CONTAMINATION(NAS)

Particle Size Range			No. of Particles / 100ml	LIMITS	RESULTS			TEST METHOD	
					CURREN T SAMPLE	PREVIOUS THREE SAMPLES			
					18.11.20 20	0	0		0
Particle Size 5-15 microns		185753	9	10				NAS 1638	
Particle Size 15-25 microns		7613							
Particle Size 25-50 microns		2320							
Particle Size 50-100 microns		240							
Particle Size >100 microns		40							

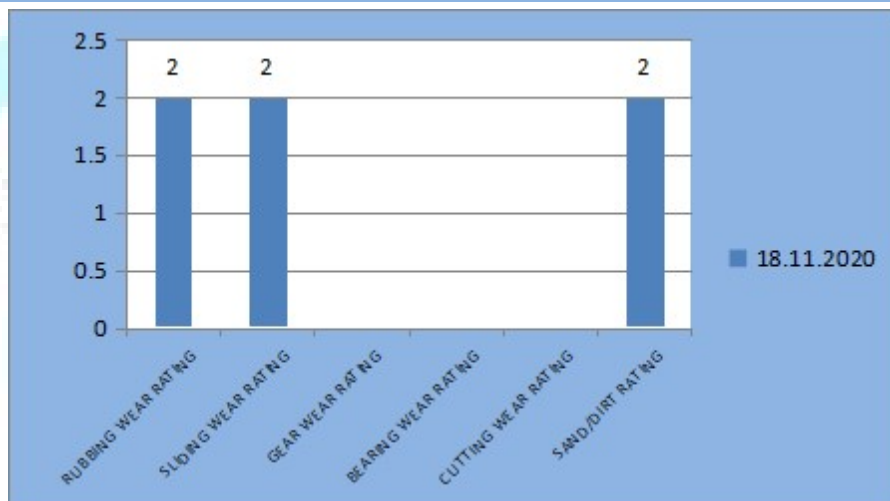
PARTICLES COUNT(NAS) TREND GRAPH



VISCOSITY,TAN & MOISTURE TREND GRAPH



Concentration Histogram of Wear Particles/Contaminants



Normal rubbing wear particles <15 microns are observed in small quantities. Sand/dirt & Contaminant Sphere particles are observed in small quantities. Low alloy steel Severe sliding wear particles are observed in small quantities upto 56 microns. Red oxides particles are observed in small quantities.