



# OIL LABORATORIES - PNG

A Dunlop PNG Company

Oil laboratories -PNG  
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A - Normal	B - Caution	C - Serious	X - Critical
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Customer Name		Unit Number		Oil Brand	
Address		Manufacturer		Oil Name	
		Model			
		Compartment		Oil Hours	
Sample Date					
Received Date		Report emailed			

Diagnosis-

Sample Details			Current Result	Previous #1	Previous #2
Lab No	-	-			
Sample Date	-	-			
Meter Hrs	-	-			
Fluid Hrs	-	-			
Fluid Added	-	-			
Fluid Changed	-	-			
Filter Changed	-	-			

Physical Tests					
Test	Test Method	Units	Current Result	Previous #1	Previous #2
Viscosity @ 40°C	ASTMD7279	cSt			
Viscosity @ 100°C	ASTMD7279	cSt			

Condition					
Test	Test Method	Units	Current Result	Previous #1	Previous #2
Oxidation	ASTN E2412DT	A/cm			
TBN		mg/KOH			
Soot		A/cm			
Sulphonation	ASTN E2412DT	A/cm			
Nitration	ASTN E2412DT	A/cm			
Water		wt%			
TAN		mg/KOH			

Contaminants					
Test	Test Method	Units	Current Result	Previous #1	Previous #2
Appearance Fluid	OAL Method	Visual			
Silicon (Si)	ASTMD5185	mg/kg			
Aluminium	ASTMD5185	mg/kg			
Ethylene Glycol		Wt%			
Potassium (K)	ASTMD5185	mg/kg			
Sodium (Na)	ASTMD5185	mg/kg			
Lithium (Li)	ASTMD5185	mg/kg			

Particle Count					
ISO 4406					
Wear Metals					
Test	Test Method	Units	Current Result	Previous #1	Previous #2
ferrous particle count	ASTMD8120	ppm			
Iron (Fe)	ASTMD5185	mg/kg			
Copper (Cu)	ASTMD5185	mg/kg			
Chromium (Cr)	ASTMD5185	mg/kg			
Aluminium	ASTMD5185	mg/kg			
Lead (Pb)	ASTMD5185	mg/kg			
Nickel (Ni)	ASTMD5185	mg/kg			
Silver (Ag)	ASTMD5185	mg/kg			
Tin (Sn)	ASTMD5185	mg/kg			
Cadmium (Cd)	ASTMD5185	mg/kg			

Additives					
Test	Test Method	Units	Current Result	Previous #1	Previous #2
Calcium (Ca)	ASTMD5185	mg/kg			
Phosphorus (P)	ASTMD5185	mg/kg			
Zinc (Zn)	ASTMD5185	mg/kg			
ZDDP		%			
Barium (Ba)	ASTMD5185	mg/kg			
Boron (B)	ASTMD5185	mg/kg			
Magnesium (Mg)	ASTMD5185	mg/kg			
Molybdenum (Mo)	ASTMD5185	mg/kg			

If you have any questions in relation to this result please contact	Mula Laa	71779495 or 4720711	email	<a href="mailto:manager@oillabspng.com.pg">manager@oillabspng.com.pg</a>
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# CRITICAL

