Unicla INTERNATIONAL LIMITED

Advanced compressor technology for the world

Compressor Operation Analysis Report

Vehicle Details			
Date		**Ref**	
Owner Name			
Contact Details			
Phone			
AC System Type			

Compressor Details			
Compressor Model		*Date Purchased*	
Clutch Type		*Invoice Number*	
Clutch Voltage		*Date Installed*	
		Vehicle Type	

System Information			
Refrigerant	***R12 / R134a / Other***	*UV Dye Added*	*Yes / No*
Purity	*%*	*Oil Separator Fitted*	*Yes / No*
Oil Type		*Accumulator Fitted*	*Yes / No*

Operation Analysis at 1200 / 1500 / 1800 RPM (Indicate which)					
Discharge		**Suction**		**Other**	
Discharge Pressure		*Suct.Pressure at Evap*		*Duct Temp - In*	*oC*
Condensor Temp	*oC*	*Suct.Pressure at Comp*		*Duct Temp - Out*	*oC*
Discharge Temp	*oC*	*Pressure Drop*		*Temp Difference*	*oC*
Liquid Line Temp	*oC*	*Suct.LineTemp at Comp*	*oC*	*Oil Qty in System*	*ml/cc*
Discharge Superheat	*oC*	*Evap Temp*	*oC*	**Electrical**	
Subcooling	*oC*	*Suct.LineTemp at Evap*	*oC*	*L P Switch Working*	*Yes / No*
Airflows		*Suct.Line Superheat*	*oC*	*H P Switch Working*	*Yes / No*
Condensor	*m/s*			*Thermo Fans Cycling*	*Yes / No*
Evap Duct - Front	*m/s*				
Evap Duct - Rear	*m/s*				

Other Information
Note: measure compressor oil level by sight glass for models 330, 440 & 550.
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