



DETROIT™



Coolant Test Record

THIS VEHICLE/UNIT HAS BEEN RECORDED WITH THE BELOW LISTED INHIBITOR, GLYCOL & pH LEVELS

Customer Name: _____ Repair Order: _____
 Engine No: _____ Test Date: _____
 VIN: _____ Coolant Type: _____
 Registration No: _____ Fleet No: _____
 Kms or Hours: _____ Tech Name: _____

Extended Life Coolants		
Coolant Colour →		PowerCool Plus = Red
Glycol Level recorded →	%	Optimal level -37°C (50%), (limits -24°C to -53°C)
pH Level recorded →		PowerCool Plus limits 7.5-9.5, Peak of 10.5*
Carboxylate Inhibitor →	%	Test strip result

*New engines may exhibit higher pH levels due to residual hot test inhibitors.

Extended Life Coolants Must be Lab tested every 160,000kms or 12 months, whichever comes first. Lab test kit p/n: POWERKITBRI, POWERKITSYD or POWERKITPER available through Penske Parts.

Is system correctly treated? YES NO
 Coolant ID label affixed to header tank YES NO

Standard Life Coolants (SLC)							
Coolant Colour	Colour observed →		PowerCool = Fuchsia Pink				
Nitrite	Level Recorded →		Limits range 1650 - 2400 PPM				
Glycol	Level Recorded →		Optimal -37°C (50%), (limits -24°C to -53°C)				
pH	Level Recorded →		PowerCool SLC Limits 8 - 11*				
DROPS OF REAGENT N2	PPM SODIUM NITRITE	COMMENTS	REQUIRED ACTION				
1 - 5	150 – 750	Severely under dosed	Drain Cooling System, Flush and Refill with new PowerCool Premix Coolant.				
6 - 10	900 - 1500	Maintenance Required	Add SCA Liquid Top Up (23507854), or Need Release SCA Coolant Filter.				
11 – 16	1650 – 2400	Correctly Treated	No Action Required				
17 or greater	2400 or greater	Overdosed	Drain Cooling System, Flush and Refill with new PowerCool SLC, is the guideline for in service coolant. New coolant with 18 or 19 drops is ok as the nitrite level will reduce during service				
Ethylene Glycol Freeze Point Conversion Table (vol.)							
EG Solution	0%	10%	20%	30%	40%	50%	60%
Temperature °C	0	-3	-8	-14	-25	-37	-53

NOTE: For Propylene glycol based coolants, please reference freeze points -25°C to -53°C

Technicians Signature: _____