

## PERFORMANCE TESTS

# Sequence III G

### TEST CONDITIONS

Engine	GM 3.8L V-6 (3800cc)
Engine Speed (RPM)	3600
Engine load (Nm)	250
Oil temperature (°C)	150
Coolant temperature (°C)	115
Intake air (°C)	35
Valve Spring Load (lbs)	205 @ 0.375 inch deflection
Test Length (hours)	100
Fuel	Haltermann fuel unleaded
Air/Fuel Ratio	15:1
Piston Ring Gap	
Top Ring (IN)	0.025
2nd Ring (IN)	0.042
Initial Oil Charge (ml)	5500
Oil Checks (hr)	20
Cam Bushings Material	Babbit
Lifter Material	ACI (same as IIIF)
Camshaft	Phosphated IIIF
Cam Thrust Plate (IN)	0.1530