

PC-10 Matrix Funding & Design TF
ASTM HDEOCP Meeting
June 22, 2004
Salt Lake City, UT

PC-10 Engine Test Matrix

Funding

- Both API & ACC have agreed to match up to \$1MM EMA cash & in-kind contributions for PC-10 Precision & BOI matrix testing
- Three million dollars from trade associations will not fully fund the PC-10 matrix (C13, ISB, T-12)
 - ❖ Precision only = \$4.6MM (18 tests)
 - ❖ Precision + BOI = \$7.1MM (28 tests)
- Next steps
 - ❖ Establish the level of EMA funding
 - ❖ Define matrix parameters to provide the PC-10 MDTF with input to generate designs for industry review and approval

PC-10 Engine Test Matrix

Design Task Force

- **Membership established**

Nancy Diggs (Infineum)

Joan Evans (Infineum/ACC)

Tom Franklin (PerkinElmer)

Charlie Passut (Ethyl)

Bill Runkle (Valvoline)

Jim Rutherford (Oronite)

Elisa Santos (Infineum)

Phil Scinto (Lubrizol)

Greg Shank (Volvo-Mack)

Matt Urbanak (Shell)

Jim Wells (SWRI)

Wim Van Dam (Oronite)

John Zalar (TMC)

Scott Zechiel (Detroit Diesel)

Any other volunteers?

- **Initial teleconference on June 16**

- ❖ Reviewed Scope & Objectives and time line

- ❖ Discussed inputs required to deliver suitable designs

- ❖ Agreed on next steps

PC-10 Engine Test Matrix

Input for MDTF

	HDEOCP	Test TF / SP	Test Labs	PC-10 NCDT	BOI-VGRA TF	DEOAP / LC
Identify / Finalize New Tests	X	X		X		
Precision only or Precision/BOI	X			X	X	
Matrix Oils						
Number of Additive Technologies	X	X		X	X	X
Number of Base Oils				X	X	X
Test Stands						
Number of Labs	X	X	X	X		
Stands per Lab		X	X			
Stand Calibration Criteria	X	X				

- **MDTF will seek guidance from the appropriate industry groups to define matrix parameters**
- **Target to have preliminary input within 2 to 3 weeks**