

# Test Monitoring Center Report

- ▶ June 24, 2019
  - ▶ Denver, CO

**Test Monitoring Center**  
<http://astmtmc.cmu.edu>



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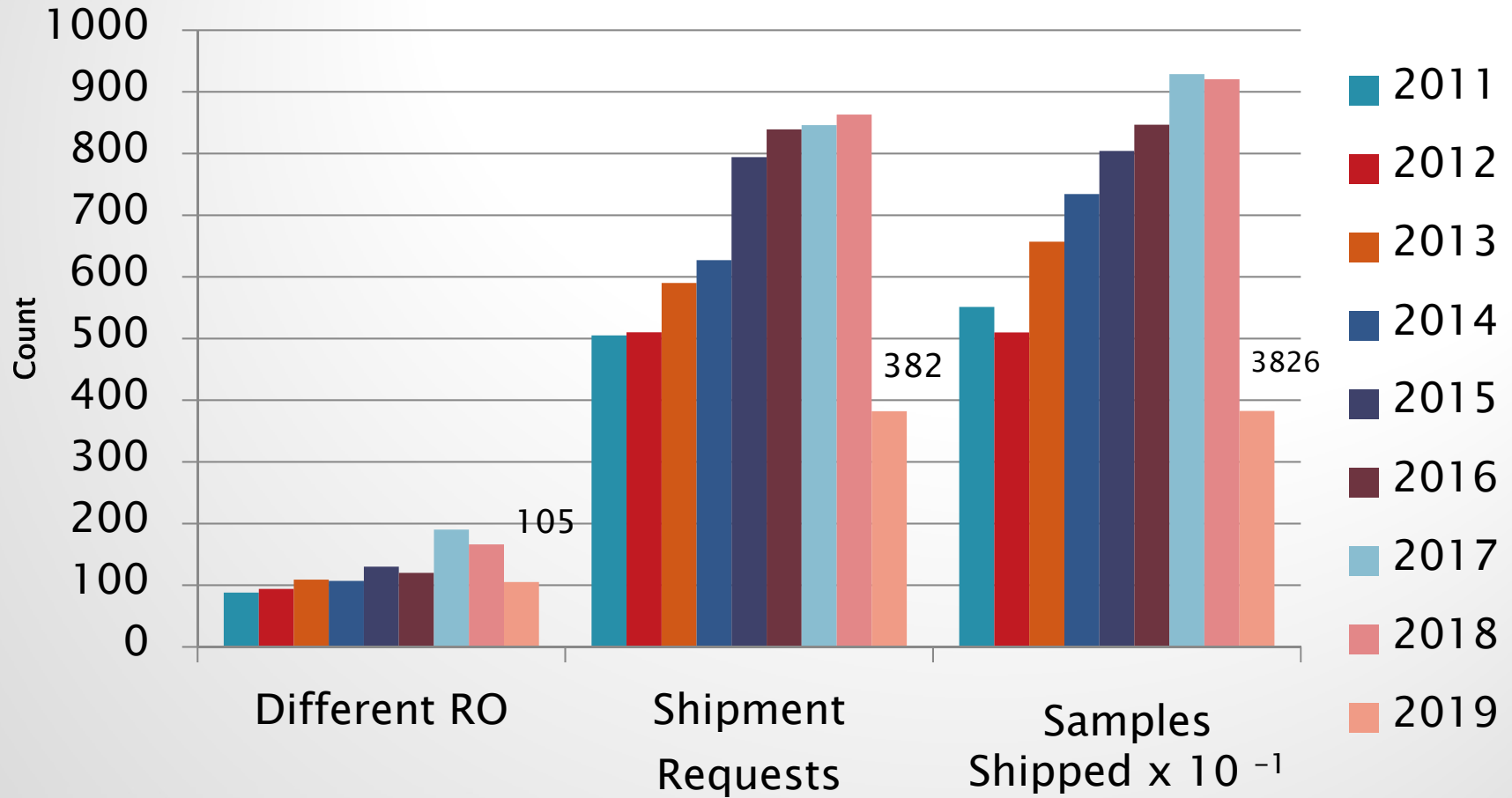
# 21 Information Letters Passed Sub B Ballot

Test Area	No.	Issued	Sub. B	Subject
CBT	18-1	20181109		Correction to Test Coupon Dimensions
HTCBT	18-1	20181109		Correction to Test Coupon Dimensions
VIE	18-4	20181119		1. Additional Fuel Flow Measurement Device
				2. Additional Oil Circulation Pump and Updated Motor Specifications
L-37-1	18-1	20181129		1. Requirement to Include Ring Gear Photos in Test Report
				2. LTMS Reference Added
				3. Type of Test Added to Broken or Cracked Tooth Section 12.5
IVB	18-1	20181206	needs D02 balloting	Reporting of Severity Adjusted End of Test Used Oil Iron Results
EOFT	18-1	20181220		Refinements to the Test Method
C-13	18-3	20181226		Updated Valve Guide and Seal Part Numbers in Critical Parts List and Rescind Information Letter 18-2
VIE	19-1	20190107		Alternate Procedure for Establishing Oil Level Marks
VIF	19-1	20190110		1. Additional Fuel Flow Measurement Device
				2. Additional Oil Circulation Pump and Updated Motor Specifications
				3. Alternate Procedure for Establishing Oil Level Marks
L-42	19-1	20190220		1. Clarification of stand referencing procedure added to section 9.6.1
				2. Figure A6.2 modified to better define the location of the axle cooling spray nozzles
L-37-1	19-1	20190221		Typographical error corrected in sections 10.4, 10.5 of the test method
L-37	19-1	20190221		Clarification on approval requirements of axle build procedure
EOEC	19-1	20190326		Light Duty Polyacrylate Elastomer Correction Factor for Volume Change
EOWT	19-1	20190401		Test Method Refinements
VIE	19-2	20190411		Clarification of additional break-in
VIF	19-2	20190411		Clarification of additional break-in
OSCT	19-1	20190425		FL & PA Shelf Life
ISB	19-1	20190429		Fuel Specifications for TMC-Monitored Tests
ISM	19-1	20190429		Fuel Specifications for TMC-Monitored Tests
L-37-1	19-2	20190502		Validity for Adhesive Wear
IIIH	19-1	20190503		60 & 70 hour test added

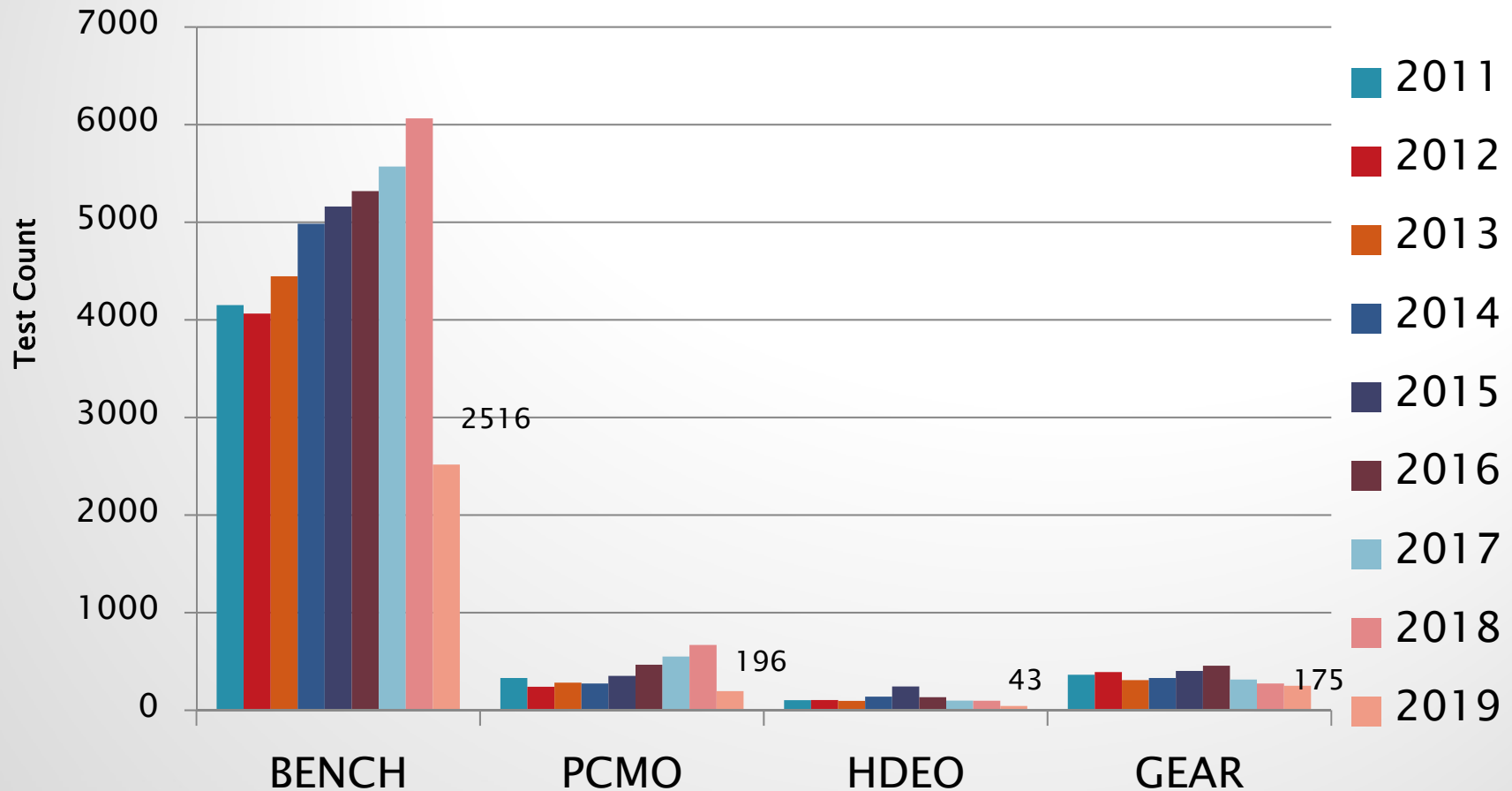
# Reference Oil Procurement

Type	Oil Code	Quantity (drums)
Seals	SL107	81
GMAER	GMAER02-5	1

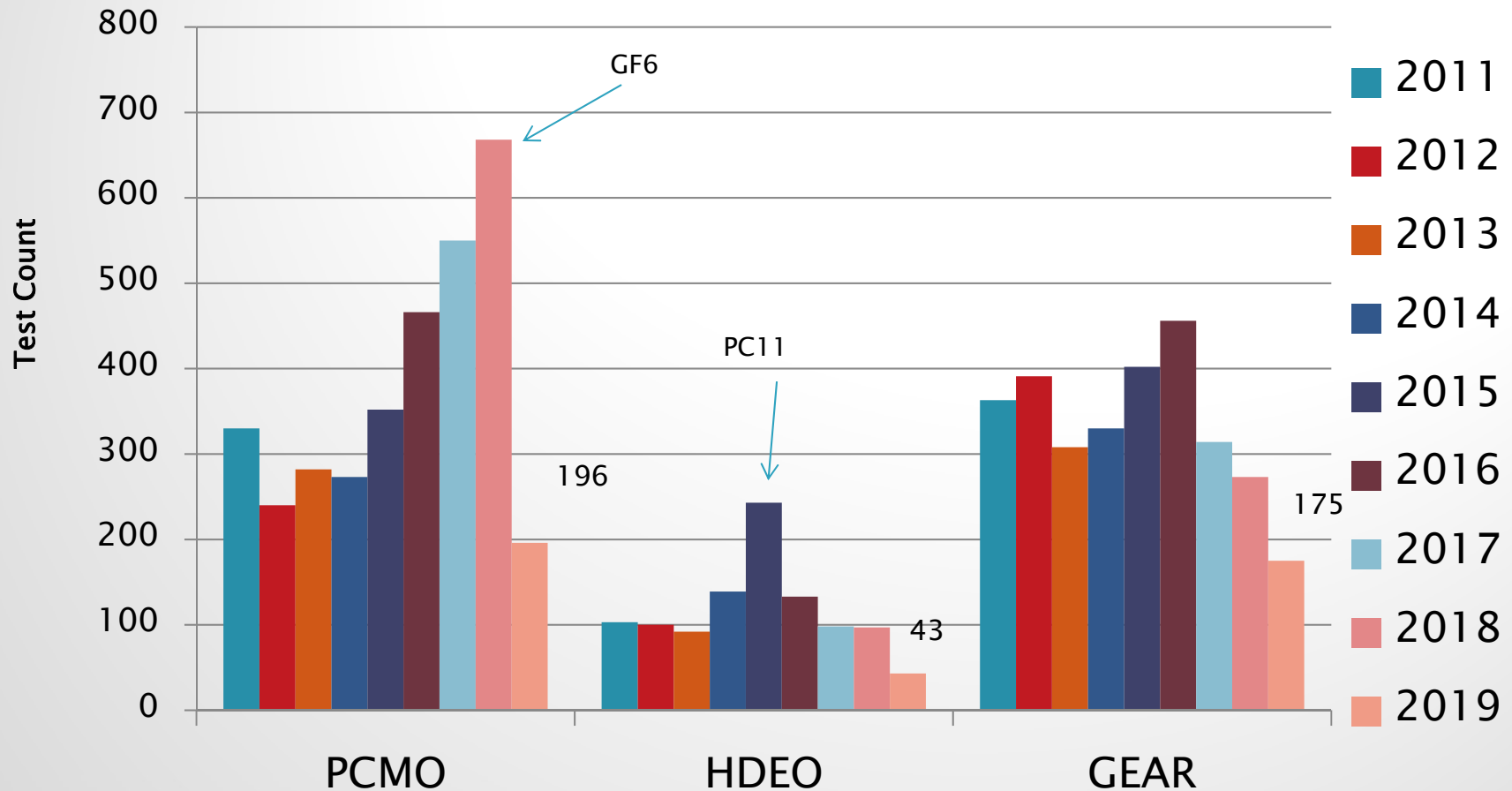
# Reference Oil Shipment Overview



# Reference Test Activity



# Reference Test Activity



# 1006-2 Status

- ▶ TMC Inventory of 1006-2 is at 573 gallons (10.5 drums)
  - 8 drums reserved for Sequence IVA
  - 2.5 drums for EOEC/LDEOC Use
- ▶ 6-month usage
  - SF105                    108 gallons
  - EOEC/LDEOC        116 gallons
  - VIII                    6 gallons
  - IVA                    8 gallons
  - Total                    228 gallons
- ▶ Estimated Life ~ Gone!

# 1006 Replacement Task Force

- ▶ LDEOEC and HDEOEC scoping of RO 1006 clones – Completed
- ▶ Best clone selected
- ▶ Blend two drums for more extensive evaluation – Completed
- ▶ Pilot @ TMC 28 gallons
- ▶ OEMs & Elastomer Manufactures are on board with proposed re-blend
- ▶ Replacement oil slated to be procured 1st quarter of 2019





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