Services Provided By: **ACC Monitoring Agency** 6555 Penn Avenue, Pittsburgh, PA 15206, USA https://acc-ma.org VIB 5W-20 Operationally Valid Candidate Data Parameter: FEI1, Fuel Economy Improvement (Phase I) (units = %) Where validity is 'VI' or 'VQ' and SAE vis grade is 5W-20 1.3 Higher Performanc 1.2 1.1 1.0 0.9 0.8 0.7 0.6 0.5 0.4 0.3 0.2 0.1 0.0 -0.1 -0.2-0.3 -0.4 Lower Performance -0.5 30 70 80 10 20 40 50 60 Test Block 1 STD = 0.2326 % in date completed order (each block is comprised of 5 tests) ⊕⊕⊕ with SA ⊕⊕⊕ without SA Monday, August 1, 2011

Services Provided By: **ACC Monitoring Agency** 6555 Penn Avenue, Pittsburgh, PA 15206, USA https://acc-ma.org VIB 5W-20 Operationally Valid Candidate Data Parameter: FEI2, Fuel Economy Improvement (Phase II) (units=%) Where validity is 'VI' or 'VQ' and SAE vis grade is 5W-20 0.6 Higher Performance 0.5 0.4 0.3 0.2 0.1 EWMA 0.0 -0.1 -0.2 -0.3 -0.4-0.5 Lower Performance -0.6 20 30 70 80 10 40 50 60 Test Block 1 STD = 0.2758 % in date completed order (each block is comprised of 5 tests) ⊕⊕⊕ with SA ⊕⊕⊕ without SA Monday, August 1, 2011