

- 680065 Evaluation of Laboratory Viscosimeters for Predicting the Cranking Characteristics of Engine Oils at 0°F and -20°F (Report of the Group on the Relationship Between Oil Characteristics and Engine Cranking of Motor Vehicle Fuel, Lubricant, and Equipment Research Committee of the Coordinating Research Council, Inc.) - W. A. P. Meyer, Gulf Res. & Dev., T. W. Selby, Dow Chemical and H. R. Stringer, Rohm & Haas
- 680066 Development of an Improved Reciprocating Viscometer for Predicting the Low Temperature Cranking Characteristics of Engine Oils - W. A. P. Meyer and R. M. Steward, Gulf Res. & Dev.
- 680067 The Cold Cranking Simulator Method for Viscosity of Motor Oils at Low Temperature - D. B. Cox, Sr., Battelle Memorial Inst., R. E. Manning, Cannon Instrument and D. S. Kim, Esso Res. & Engrg.
- 680068 Effects of Base Stock and Additive Components on the Viscosity of Crankcase Oils at 0°F - M. F. Smith, Esso Res. & Engrg.
- 680069 A Laboratory Method for Predicting the Permanent Viscosity Loss of Polymeric Crankcase Oils in Field Service - A. F. Pearce, Esso Res. & Engrg.
- 680070 The Viscosity Stability of Multigraded Crankcase Oils - A. F. Preuss, R. L. Stambaugh and H. H. Radtke, Rohm and Haas
- 680071 V. I. Improvers and Engine Oil Performance - C. K. Murphy and P. A. Bennett, General Motors Research Labs., GMC
- 680072 The Rheology of a Multigraded Motor Oil - R. H. Johnson and W. A. Wright, Res. Sun Oil
- *680211 The PT6 Gas Turbine, Lubricants and Fuels - A. W. Stewart and J. P. Harding, United Aircraft of Canada
- *680212 Development of Planetary Gears Utilizing Low Viscosity Lubricants - L. J. Hopfensperger and C. E. Braddock, Bell Helicopter
- *680213 Navy Spectrometric Oil Analysis Program - J. M. Ward, Naval Air Systems Command
- *680231 Contamination + Microbes = Corrosion + Malfunctions; An Equation Which Yields Trouble for Aircraft Integral Fuel Tanks - W. A. Boggs, Lockheed-Georgia
- *680317 Lubricants for Inerted Lubrication Systems in Engines for Advanced Aircraft - W. R. Loomis, D. P. Townsend and R. L. Johnson, Lewis Res. Ctr., NASA
- *680318 Lubrication of the Olympus 593 Engine - T. F. Blenkiron and W. J. Sawyer, Rolls-Royce
- *680319 Evaluation of Oils for Lubrication and Hydraulic Actuation in the GE4 (SST) Engine - D. B. Hester and A. J. Pacher, General Electric
- *680320 Oxidation Testing of Gas Turbine Oils - C. M. Murphy, U. S. Naval Res. Lab. (Report of the CRC-Aviation Oxidation Test Technique Program Sub-Panel of the Bench Tests Panel of the Group on Gas Turbine Lubrication)
- *680321 Bearing Test for Gas Turbine Oils - H. W. Reynolds, United Aircraft (Report of the CRC-Aviation Deposit and Oil Degradation Characteristics Panel of the Group on Gas Turbine Lubrication)
- *680322 A Comparison of Fatigue Test Techniques for Gas Turbine Oils - I. Koved, General Electric (Report of the CRC-Aviation Bearing Fatigue Panel of the Group on Gas Turbine Lubrication)
- *680323 Ignition and Flammability Properties of Lubricants - J. M. Kuchta and R. J. Cato, Bureau of Mines
- *680413 Performance Advantages from Shear Stable Crossgraded Engine Oils - C. J. DiPerna and D. A. Law, Sr. Res. Chemist, and H. V. Lowther, Mobil Res. & Dev.
- *680414 Measurement of Oil Economy in Passenger Car Engines - W. W. Crouse, B. N. Koelsch and W. D. Preston, Sun Oil
- *680415 Some Factors Contributing to Winter Hot Starting Difficulties in Automotive Engines - R. M. Stewart, C. R. Spohn and W. A. P. Meyer, Gulf Res. & Dev.
- *680434 Automotive Starting and Warm-up Respond to Gasoline Volatility (An API Project) - H. I. Wilson, Texaco; R. W. Burtner, Sun Oil; J. B. Duckworth, Amer. Oil; and D. P. Osterhout, Mobil Res. & Dev.
- *680435 CRC Hot Start and Run Technique Investigations - H. A. Bigley, Jr., Gulf Res. & Dev.; H. T. Niles, Ford; F. A. Sciabica, Rochester Products Div., GMC; and A. H. Winkler, Bendix (Report of Hot Start Technique Panel of Volatility Group of Motor Vehicle Fuel, Lubricant & Research Committee of Coordinated Research Council)
- *680436 Mathematical Simulation of Automotive Fuel Systems - M. E. Klecka and C. L. Oubre, Shell Oil
- *680437 Rheological Properties of Automatic Transmission Fluid - W. A. Wright and R. H. Johnson, Sun Oil
- *680438 Laboratory Methods for Predicting the Viscosity Loss of Polymer Thickened Hydraulic Fluids - R. L. Stambaugh and A. F. Preuss, Rohm and Haas
- *680464 An Improved CFR Cetane Rating Method - R. Burt and K. A. Troth, Shell Res. Ltd., England
- *680465 The Ignition of Hydrocarbon Fuel Droplets in Air - G. M. Faeth and D. R. Olson, Pennsylvania State Univ.
- *680466 An Investigation of Methods for Determining Cetane Numbers of Low Ignition Quality Fuels - J. T. Gray and C. M. Urban, U. S. Army F. & L. Res. Lab., Southwest Res. Inst.
- *680467 A Rational Classification of Diesel Fuel Characteristics - D. K. Lawrence, T. O. Wagner and R. P. Lindeman, Amer. Oil
- *680496 Effect of Ethylene Glycol and Methoxypropanol-Based Coolants on Elastomers - J. E. Miller and T. Alfrey, Jr., Dow Chemical
- *680497 Some Aspects on Higher Temperature Coolant Performance - H. J. Hannigan, Union Carbide

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- 670094 Selecting Fabrication Methods for Low Cost in Small Gas Turbines - H. P. Karen and G. E. Trevaskis, International Harvester
- 670095 Fabrication of small Turbine Compressor Blades by Precision Rolling - Herbert Albro, Kelsey-Hayes
- 670096 Numerically Controlled Milling for Making Experimental Turbomachinery - M. K. Yu and C. A. Amann, Res. Lab., GMC
- 670098 Advanced Aerospace Metals Deformation Technology - H. A. Johnson and G. A. Gegel, Air Force Materials Lab.
- 670107 Applying Large Multiloop Bearings to Rotating Structures - B. A. Pritts and J. I. Jones, Rotech
- 670448 Controlling Job Shop Operations by Computer - R. L. Whitfield, National Twist Drill and Tool Co.
- 670449 Application of Computer Control in Computer Manufacturing - James Bitonti, IBM
- 670450 Design and Implementation of Delco Operational, Quality and Process Control Systems - T. C. Hosfield, Delco Products-Rochester Operation, GMC
- 670475 Review of Standard Cutting Tools - John Watson, United Greenfield Corp.