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Sommario/riassunto	PURPOSE. The ASTM High-Temperature Rheology/Engine Correlation Task Force (ASTM D02.07.0B TF/EC) has written this status report in partial response to a Society of Automotive Engineers (SAE) request to "develop a test method which incorporates high-temperature, high-shear rate viscometrics or other rheological characteristics to predict the performance of both single and multigrade (i.e., both Newtonian and VI-improved) engine oils in engine bearings and/or the ring and cylinder area (1). "Although this report does not deal with the development of particular viscosity measurement techniques, it does have two specific objectives which relate to this SAE request: (1) to summarize, and interpret, as necessary, all pertinent published studies relating high-temperature oil rheology to selected measures of engine performance and durability, and (2) to suggest areas for possible future research needed to resolve any uncertainties which remain regarding the effects of oil rheological properties on these same engine operating factors.