

T-8E Relative Viscosity

- Infineum supports the change from 50% to 100% DIN shear as the initial viscosity to calculate relative viscosity.
- However, it should be noted that all of the Mack soot-handling tests, the T-7, T-8, and T-8E were developed to prevent pumpability failures at LOW TEMPERATURE with “heavily sooted” used oils.
- In the PC-9 category there is a test for low temperature pumpability with approximately 5% soot loading of the oil.
 - This is a direct measurement of a parameter only implied by the T-8E.
- The EO-M PLUS limit for relative viscosity is 1.8 maximum.
 - The move to 100% DIN shear increases severity about 0.1 RV units.
- Infineum suggests 1.9 Relative Viscosity maximum, as the T-8E pass / fail target for PC-9 using 100% DIN shear value as the initial viscosity.