

# PC-9 HTHS Requirement for 10W-X Grades

## *ExxonMobil Perspective*

- Prefer measurement on new oil
  - More reproducible, eliminates variability of oil source for sheared sample
- Minimum of 3.5 cP is probably achievable with PC-9 technology, however:
  - Allowable “blend space” is very limited, will be a challenge for commercial blending
  - Directionally poorer low temperature properties
  - Smaller fuel economy benefit
- If 3.5 cP is adopted as the PC-9 minimum HTHS for 10W-X oils; it should be identified as a “Non-Critical” specification

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