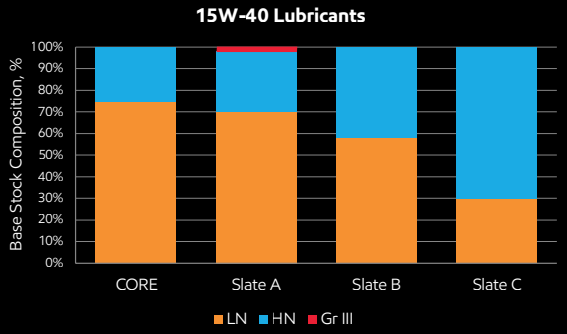


ExxonMobil CORE™ Base Stock Capabilities

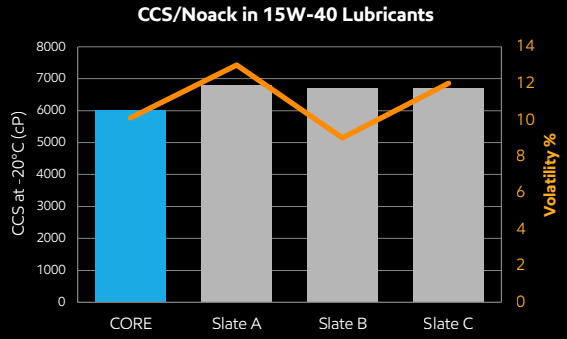
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ExxonMobil Core™ Group I base stocks
provide advantages in popular lubricant viscosity grades



CORE Group I base stocks enable blending 15W-40 lubricant without Group III and with less heavy neutral than competitive blends – potentially lowering formulation costs

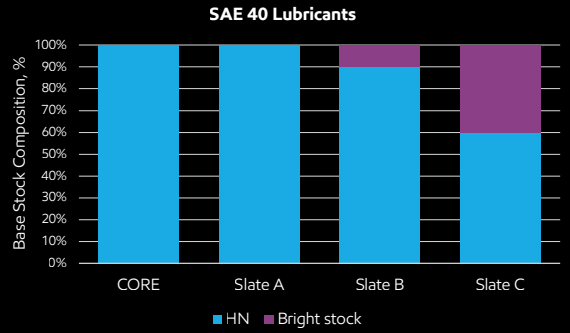
Based on Market General approved API CI-4 additive package. SAE 15W-40 lubricants blended at equivalent KV100°C and CCS-20°C



CORE Group I base stocks provide better low temperature performance vs. competitive blends, and have excellent Noack **volatility**

Based on Market General approved API CI-4 additive package. SAE 15W-40 lubricants blended at equivalent KV100°C and CCS-20°C

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CORE Group I base stocks enable blending SAE 40 lubricant without the need for higher cost bright stock

Based on Market General approved API CF additive package. SAE 40 lubricants blended at equivalent KV100°C

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Broad Product Coverage with **AP/E CORE™ Slate**

AP/E CORE™ Group I base stocks offer performance capabilities in applications ranging from engine oils to industrial lubricants, these outstanding base stocks are backed by 135 years of ExxonMobil leadership in base stock production. Rigorous processes ensure reliable, secure delivery of consistent, quality base stocks

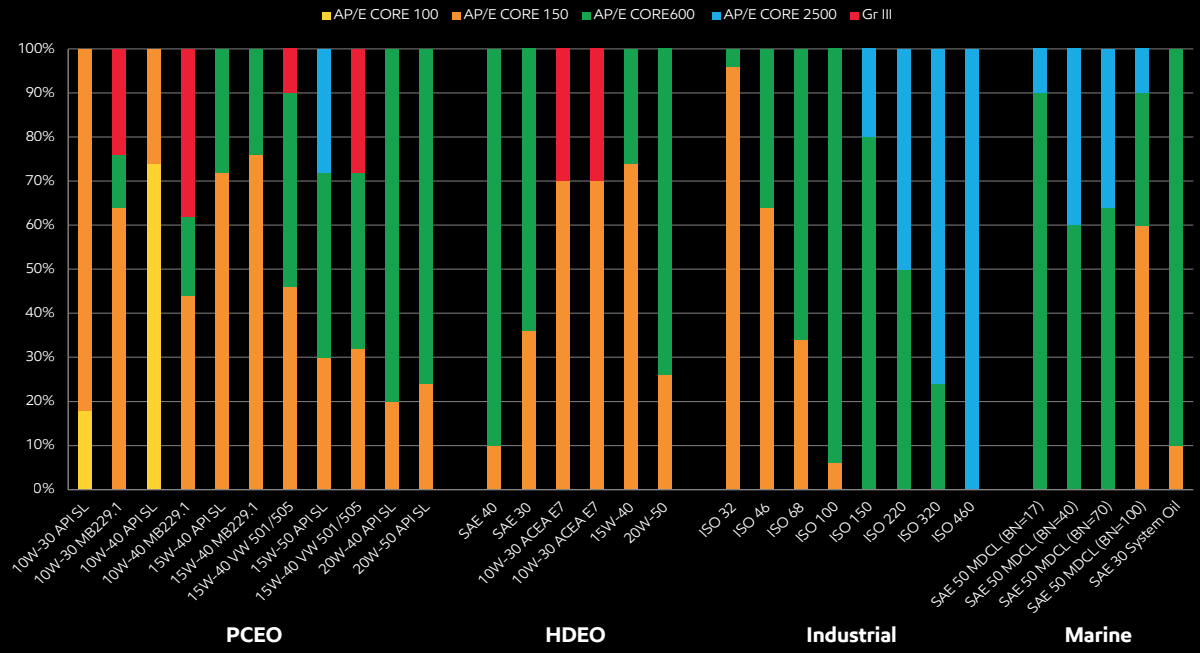
AP/E CORE™ constitute a slate (as defined within the ATIEL Code of Practice and the API Engine Oil Licensing and Certification System) that allows base oil interchange and viscosity grade read-across, enabling reduced development cost and increased flexibility

The AP/E CORE slate covers the full range of industrial oil viscosities

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Base oil interchange and viscosity-grade read-across provide:

- Broad blending coverage
- Supply chain flexibility
- Simplified qualification testing requirements



Dependent on additive chemistry and formulation approvals. ExxonMobil estimates with applicable additive packages. External factors, such as price and quality variation, VM diluent oil, etc. may cause deviations from these estimates; they are intended to be starting points for formulation evaluations. Lubricant Blender is responsible for obtaining appropriate approvals and licensing of all formulations.

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Broad Product Coverage with **Americas CORE™ Slate**

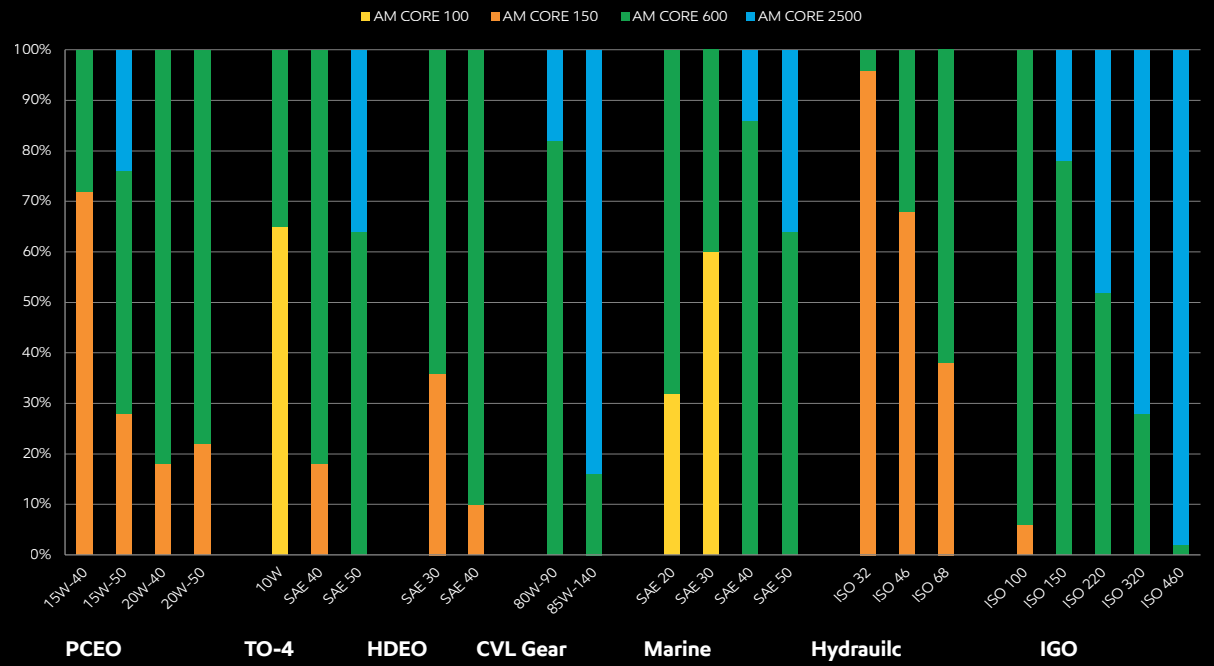
Americas CORE™ Group I base stocks offer performance capabilities in applications ranging from engine oils to industrial lubricants, these outstanding base stocks are backed by 135 years of ExxonMobil leadership in base stock production. Rigorous processes ensure reliable, secure delivery of consistent, quality base stocks

Americas CORE™ constitute a slate (as defined within the ATIEL Code of Practice and the API Engine Oil Licensing and Certification System) that allows base oil interchange and viscosity grade read-across, enabling reduced development cost and increased flexibility The Americas CORE slate covers the full range of industrial oil viscosities

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Base oil interchange and viscosity-grade read-across provide:

- Broad blending coverage
- Supply chain flexibility
- Simplified qualification testing requirements



Dependent on additive chemistry and formulation approvals. ExxonMobil estimates with applicable additive packages. External factors, such as price and quality variation, VM diluent oil, etc. may cause deviations from these estimates; they are intended to be starting points for formulation evaluations. Lubricant Blender is responsible for obtaining appropriate approvals and licensing of all formulations.

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