

ASTM - HDEOCP - Summary

Exit Criteria Ballot on PC-9

	Affirmative	Negative	Abstain
Cummins M11-EGR	13	6	1
Mack T-10	12	3	6
3.5 cP HT/HS	12	3	5
3.3 cP HT/HS	8	5	8
Used Oil Viscometrics	5	3	12
Cat IN	5	5	11

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100% Passing Votes: 8 Tests

- **Mack T-8E**
- **Elastomer**
- **Volatility**
- **Roller-Follower Wear**
- **Aeration**
- **High Temperature Corrosion**
- **Shear Stability**
- **Foam**

TMC abstain on all

Infineum abstain on volatility

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Exit Criteria Ballot on PC-9

Cummins M11-EGR

Affirmative: 13	Negative: 6	Abstain: 1
<p>Ethyl</p> <p>Valvoline</p> <p>Equilon</p> <p>RohMax</p> <p>Texaco</p> <p>Pennzoil-Quaker</p> <p>Detroit Diesel</p> <p>John Deere</p> <p>International</p> <p>GM</p> <p>Caterpillar</p> <p>Cummins</p> <p>Mack/Volvo</p>	<p>Lubrizol</p> <p>Imperial Oil</p> <p>ExxonMobil</p> <p>Infineum</p> <p>Chevron</p> <p>Oronite</p>	<p>TMC</p>

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Mack T-10

Affirmative: 12	Negative: 3	Abstain: 6
<p>Mack/Volvo</p> <p>Cummins</p> <p>GM</p> <p>Chevron</p> <p>Texaco</p> <p>ExxonMobil</p> <p>Imperial Oil</p> <p>RohMax</p> <p>Equilon</p> <p>Valvoline</p> <p>Ethyl</p> <p>CIBA</p>	<p>Pennzoil-Quaker</p> <p>Oronite</p> <p>Infineum</p>	<p>Caterpillar</p> <p>International</p> <p>John Deere</p> <p>Detroit Diesel</p> <p>TMC</p> <p>Lubrizol</p>

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Exit Criteria Ballot on PC-9

Caterpillar IN

Affirmative: 5	Negative: 5	Abstain: 11
Caterpillar RohMax CIBA Speciality International Texaco	Oronite Infineum Chevron ExxonMobil Imperial Oil	Cummins Mack/Volvo Detroit Diesel GM John Deere Ethyl Lubrizol Pennzoil-Quaker Equilon Valvoline TMC

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Exit Criteria Ballot on PC-9

HT/HS “Non-Critical” Specification 3.5 cP Fresh Oil

Affirmative: 12	Negative: 3	Abstain: 5
<p>Mack/Volvo</p> <p>Cummins</p> <p>Caterpillar</p> <p>International</p> <p>John Deere</p> <p>Detroit Diesel</p> <p>Oronite</p> <p>Texaco</p> <p>Chevron</p> <p>RohMax</p> <p>Valvoline</p> <p>Ethyl</p>	<p>Pennzoil-Quaker</p> <p>Infineum</p> <p>Equilon</p>	<p>GM</p> <p>TMC</p> <p>Imperial Oil</p> <p>Lubrizol</p> <p>ExxonMobil</p>

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Exit Criteria Ballot on PC-9

HT/HS “Critical” Specification 3.3 cP Fresh Oil

Affirmative: 8	Negative: 5	Abstain: 8
<p>Equilon RohMax Imperial Oil Chevron ExxonMobil GM Caterpillar Equilon</p>	<p>Ethyl Valvoline Infineum Oronite Pennzoil-Quaker</p>	<p>Lubrizol TMC Texaco Detroit Diesel John Deere International Cummins Mack/Volvo</p>

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Exit Criteria Ballot on PC-9

Used Oil Viscometrics

Affirmative: 5	Negative: 3	Abstain: 12
<p>RohMax Imperial Oil Texaco Infineum GM</p>	<p>Oronite Chevron Cummins</p>	<p>Ethyl Lybrizol Valvoline Equilon TMC ExxonMobil Pennzoil-Quaker Detroit Diesel John Deere International Caterpillar Mack/Volvo</p>