



Base Oils II: Quality Drivers, Forecasting, and Global Profitability

8:30	Registration and Refreshments
9:00 – 9:45	Refresher: Base Oils I Terminology & Technology <ul style="list-style-type: none">• Crude and base oil naming conventions• Technology, key properties, and where they're controlled• API Groups: the detailed definitions
9:45 – 10:30	Volatility Requirements - Industry Game Changer <ul style="list-style-type: none">• The technical details of viscosity index (VI)• Volatility: another base oil property to understand• VI – Volatility – Viscosity relationships
10:30 – 10:45	BREAK / Open Forum
10:45 – 11:30	Global Quality Driver: Engine Oils <ul style="list-style-type: none">• Viscosity measurement under different conditions• Putting it together: SAE J-300 Engine Oils• Why engine oil quality matters to all other base oil sectors
11:30 – 12:30	Base Oil Pricing Mechanisms <ul style="list-style-type: none">• Fundamental mechanisms – what sets base oil price?• Price ceilings: buyers (finished lubricants, process oils)• Price floors: sellers (base oil refiners & marketers)• Fate of high-cost producers in oversupplied markets
12:30 – 13:30	LUNCH
13:30 – 14:30	Base Oil Refining Profitability <ul style="list-style-type: none">• Profit basics: revenue less expenses• Fuels versus lubes: who pays for what?• By-products from base oil plants• Profitability exercise: Which API plant is most profitable?
14:30 – 15:00	Discussion: Results from Base Oil Profit Exercise <ul style="list-style-type: none">• Comparison of Group I, II, III profits• Changes in profits based on crude and product pricing
15:00 – 15:15	BREAK / Open Forum
15:15 – 16:00	Supply & Demand Forecasting Methodology <ul style="list-style-type: none">• Current global supply and demand• Recent capacity additions, more capacity announced• Example: A simplified 2030 base oil forecast



16:00 – 17:00

Future Trends: Survival of the Fittest

- Unintended consequences from hydroprocessing
- Re-refined, bio-based, and Group V synthetic base oils
- Keys for industry survival in an oversupplied world

17:00

End of Base Oils II programme