



Base Oils I: Fundamentals of the Base Oils Business

8:30	Registration and Refreshments
9:00 – 10:00	Crude and Base Oil Refining Overview <ul style="list-style-type: none">• What are base oils? Who makes them?• Crude types, pricing, and valuation• Crude for base oils vs. fuels refining
10:00 – 11:00	Base Oil Manufacturing: Solvent Processing <ul style="list-style-type: none">• Base oil definitions and terminology• Historical manufacturing: solvent processing• Example: Arab Light 95 VI via solvent processing
11:00 – 11:15	Break / Open Forum
11:15 – 12:00	Base Oil Manufacturing: Hydroprocessing <ul style="list-style-type: none">• Hydroprocessing terms and general overview• Newer technology: hydroprocessing• Example: Arab Light 95 VI via hydroprocessing
12:00 – 13:00	API Base Oil Groups & Qualities <ul style="list-style-type: none">• The API base oil groups: I, II, III, IV and V• Quality comparison of the different API Groups• Discussion: are the API Groups still relevant today?
13:00 – 14:00	LUNCH
14:00 – 14:45	Base Oil Manufacturing: Hybrid Processes <ul style="list-style-type: none">• Why API groups weren't named by process type• Hybrid solvent processing + hydroprocessing• Hybrid fuels and base oil hydrocracking
14:45 – 15:30	Base Oil Demand (Finished Lubricants 101) <ul style="list-style-type: none">• Correlating base oils to finished lubricants• Transportation, industrial and process oil segments• Base oil quality trends within each sector
15:30 – 15:45	Break / Open Forum
15:45 – 16:30	Lubricant additives & supply chain <ul style="list-style-type: none">• Additive introduction• Major additive functions• Finished lubricant blending and packaging
16:30 – 17:00	Future Trends – Disruptive Scenarios <ul style="list-style-type: none">• Crisis in Ukraine – Impact on Base Oils• Here come Electric Vehicles – a forecast
17:00	End of Base Oils I programme