

ASPO ENERGY

TRADING IN BASE OIL PRODUCTS

ABOUT US

ASPO ENERGY is a trading company which specialized in fuel, oil, gas and energy products trading across the globe.

Oil and Gas has been recognized by our customers and partners for our value-adding approach in trading of fuel, Oil, Gas and renewable energy products in the United States, Europe and Middle East. With continued growth, Oil and Gas is recognized today as a trusted and diverse wholesale fuel Trading.



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Due to ASPO Energy has good trading business relations from Russian UAE and European petroleum roots, We today handles all aspects of fuel trading in the Midwest, and offers dependable wholesale and biofuel supply throughout the world. With Many Refinery Industry's has been tied up with ASPO Energy which will be handled and operated terminals, Ports and Tank Farms in Rotterdam and Houston. We are the national trader of refined products and a reliable option for your business.



We are committed to finding ways to make a difference in the local communities where we live and work ASPO ENERGY embraces collaboration and social innovation in its philanthropic efforts. Through the ASPO ENERGY.

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Our commitment with the quality, the business social responsibility, the environment and the safety, make us an excellent place to work and a renowned trading company in the sector.

ASPO ENERGY has diversified its business to trading in a wide spectrum of commodity products including crude oil, refined oil products, petrochemicals, natural gas, LNG, power, coal, carbon emissions, freight, iron ore, base metals and Lithium Energy.



OUR VALUES & ETHICS

Identifying possibilities: We progress incessantly and look for new and innovative solutions, exploring all the opportunities to maximize our potential. Achieving team goals: We work as a single team, collaborating and sharing to achieve a greater impact.

Building Trust: We collaborate transparently to address what really matters and always deliver what we promise.

There is no other way of doing business. In the interactions with its stakeholders, ASPO ENERGY Company is committed to acting with integrity, transparency, fairness, justice and for the common good and seeks that in the workplace these values are practiced by each person in the company individually and collectively.



BASE OIL PRODUCTS LIST



Base Oil SN 350

Base oil SN350, is defined as a light grade base oil in the middle of the specifications of Grade I base oils. They are mainly used in lubricant and lubricant additives production. It has been solvent refined, dewaxed, and hydrogen treated to take out impurities. This oil has no impurities or compounds that can have an adverse effect on the quality of the oil.

Base Oil are produced by means of solvent refining paraffinic crude oil as below, with modern production facilities and using high-quality raw materials.

Base oils are used to manufacture products including motor oil, Industrial oil, Grease, and etc.



Base Oil N60

Base oils are used to manufacture products including lubricating greases, motor oil and metal processing fluids. Different products require different compositions and properties in the oil. One of the most important factors is the liquid's viscosity at various temperatures. Whether or not a crude oil is suitable to be made into a base oil is determined by the concentration of base oil molecules as well as how easily these can be extracted.

Base oil is produced by means of refining crude oil. This means that crude oil is heated in order that various distillates can be separated from one another. During the heating process, light and heavy hydrocarbons are separated – the light ones can be refined to make petrol and other fuels, while the heavier ones are suitable for bitumen and base oils.



Base Oil SN500

Base oil SN 500 the most widely used base oil. SN 500 is a light grade base oil at the upper end of the specifications for Grade I base oils. They are mainly used in lubricant production.

It is a Group I base oil that has undergone solvent refining and dewaxing processes. It is the workhouse ingredient for formulators and blenders of lubricants for passengers and commercial vehicles, as well as industrial applications. This oil has no impurities or compounds that can have an adverse effect on the quality of the oil.





Base Oil SN650

This means that crude oil is heated in order that various distillates can be separated from one another. It has been solvent refined, dewaxed, and hydrogen treated to take out impurities. This oil has no impurities or compounds that can have an adverse effect on the quality of the oil.

Base oil Group I according to the American Petroleum Institute (API), which contains less than 90 percent saturates and has a viscosity index greater than or equal to 85 and less than 120.

In RAHA oil refinery diverse grades of Base Oil are produced by means of solvent refining paraffinic crude oil as below, with modern production facilities and using high-quality raw materials.





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Base Oil SN150

Base oil SN150 categorized in group I is a common quality base oil product of which uses in different applications base oils SN150 are used to manufacture products including lubricating greases, motor oil, and metal processing fluids, and many other applications One of the most important ISSUE is the viscosity at various temperatures. Whether or not a crude oil is suitable to be made into a base oil is determined by the concentration of base oil molecules as well as how easily these can be extracted. This oil has no impurities or compounds that can have an adverse effect on the quality of the oil.



Base Oil N70

Pure Performance 70N is a high purity, low viscosity paraffinic oil produced from a high-pressure hydrocracking and hydro-dewaxing process that removes virtually all metals, sulfur, and nitrogen from the feedstock. Customers purchase Pure Performance 70N for a wide variety of uses, including use as a process oil, ATF formulations, agricultural applications, and other lubricant formulations.





Base Oil N7, N85, N150, N300

Base oils are used to manufacture products including lubricating greases, motor oil and metal processing fluids. Different products require different compositions and properties in the oil. One of the most important factors is the liquid's viscosity at various temperatures. Whether or not a crude oil is suitable to be made into a base oil is determined by the concentration of base oil molecules as well as how easily these can be extracted.

Base oil is produced by means of refining crude oil. This means that crude oil is heated in order that various distillates can be separated from one another. During the heating process, light and heavy hydrocarbons are separated – the light ones can be refined to make petrol and other fuels, while the heavier ones are suitable for bitumen and base oils.



Crude Oils



Type Of Base Oil



PARAFFINIC – Paraffinic Base Oils

Group I: SN 70, SN 100, SN 150, SN 200, SN 250, SN 500, SN 600, SN 650, BS 150

Group II: 60 N, 100 N, 150 N, 220 N, 500 N, 600 N

Group III: 4 CSt, 6 CSt, 8 CSt

NAPHTHENIC – Naphthenic Base Oils

40 Pale, 60 Pale, 100 Pale, 600 Pale, 1200 Pale, 2000 Pale, 2800 Pale

LUBRICANTS – Specialty Lubricants

- Transformer Oil
- ASTM D3487 Type II Inhibited
- Refrigeration Oil
- Rubber Process Oil
- Agricultural Oils

Light Crude Oil

Light Crude oil is liquid petroleum that has low density and that flows freely at room temperature. It has low viscosity, low specific gravity and high API gravity due to the presence of a high proportion of light hydrocarbon fractions. It generally has a low wax content as well. On the other hand, heavy crude oil or extra heavy crude oil is any type of crude oil which does not flow easily. It is referred to as “heavy” because its density or specific gravity is higher than that of light crude oil. Heavy crude oil has been defined as any liquid petroleum with an API gravity less than 20°. Extra heavy oil is defined with API gravity below 10.0 °API (API gravity, is a measure of how heavy or light a petroleum liquid is compared to water. If its API gravity is greater than 10, it is lighter and floats on water; if less than 10, it is heavier and sinks).



Light Cycle Oil

Light Cycle Oil (LCO) is a diesel boiling range product from Fluid Catalytic Cracking Units (FCCUs). However, LCO is a poor diesel fuel blending component without further processing. Oil refining is an industrial process which involves separation, conversion and finishing. FCC centered refinery uses Fluid Catalytic Cracking Unit (FCCU) has the major conversion unit. FCCU is responsible for the production of petrol, LPG and Light Cycle Oil (LCO).



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Thank You