



Polybutenes



Acetylene Black



Performance Chemical Additives



Polyalphaolefins



Alkylate Fluids



Refrigeration Fluids



Dielectric Fluids



Transformer Fluids



Cable Flood, Fill & Gels



Corrosion Inhibitors



Fumed Silica



Tackifiers



Metal Carboxylates



Adding value to your formulations

PRODUCTS

| PRODUCT LINE | DESCRIPTION | ADVANTAGES | END USES |
|--------------------------------|---|--|--|
| Polybutenes | Viscous, non-drying liquid butylene polymers. | Non-toxic, non-drying, lubricity, imparts tackiness or adhesion, corrosion protection, burns without residue, good thermal stability and outstanding dielectric properties. | Raw material for ash-less dispersants, fuel and gasoline additives, lubricants, caulks, sealants, adhesives, blown stretch film, dielectric fluids, cosmetics and personal care. |
| Polyalphaolefins | Polyalphaolefins (PAO's) are hydrogenated olefin oligomers manufactured by the catalytic polymerization of linear alpha olefins. PAO products are colorless liquids with well-defined, wax-free isoparaffinic structures. | High viscosity index, food-grade approval, superior oxidative and thermal stability, good low temperature properties and non-toxic. | Food-grade greases, telecom cables, automotive, industrial and aerospace lubricants. |
| Alkylate Fluids | Branched alkylbenzene (BAB) produced by reacting benzene with various propylene oligomers. Linear alkylbenzene (LAB) produced by reacting benzene with linear alpha olefins. Available in a range of different molecular weight products. | Superior low temperature properties, excellent oxidative and thermal stability, compatible with elastomers, seal swell and improved solubility. | Raw materials for surfactants and synthetic sulfonates and base oil for specialty lubricants and functional fluids. Used in agriculture and electronic components and equipment. |
| Performance Chemical Additives | Soltex's line of additives includes polymeric modifiers, tackifiers, dispersants, detergents, VII/PPD, anti-wear/EP, grease additives, antioxidants, food grade and packages for the lubricants market. | Good quality, high performance additives most of which are made from Soltex's core alkylate and polybutene chemistries, this allows flexibility to tailor products and blends to customers' needs. | Dispersants, bright stock replacement, greases, performance boosters, fuel lubricity, fuel moisture control, 2-stroke and 4-stroke engine additives, pour point depressants, tackifiers and viscosity modifiers. |
| Refrigeration Fluids | Alkylate based synthetic refrigerator compressor oils. | Superior low temperature properties, low flocculant point, low foaming, good lubrication, thermal stability and excellent compatibility with elastomers, metals and other fluids. | Lubricants for refrigeration, air conditioning and heat pump compressors. |
| Dielectric Fluids | Soltex offers alkylate/polybutene based insulating oils that are compatible with materials of construction and provide optimum high oxidative/thermal stability during manufacture and protection in service. | Low power factor, high dielectric strength, excellent oxidation stability, exceptional resistance to gassing under electrical stress and superior heat dissipation. | Underground transmission cables including low-pressure self-contained and high-pressure pipe-type power transmission cables; also products for cable impregnation, cable splicing and power cables. |





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| Transformer Fluids | Soltex supplies Type I and II naphthenic-based transformer fluids and also natural and synthetic ester-based fluids. | Type I and II naphthenic fluids have a long history of successful use with OEMs and also utilities. Natural and synthetic esters are readily biodegradable and have high fire points. | Power and distribution transformers and electrical appliances associated with the transmission of power. |
| Cable Flood, Fill and Gels | Synthetic hydrocarbon fluids that provide oxidation inhibition and prevention of moisture ingress in telecom cables. | Excellent moisture barrier and antioxidancy. Assures electrical properties for optimum fiber optic cable performance and provides good compatibility with polymers used in cable construction. | Impregnants that inhibit water ingress and migration in paired copper wire and fiber optic telecommunication cables. |
| Acetylene Black | Acetylene Black formed by an exothermic decomposition of acetylene gas, characterized by the highest degree of aggregation and crystalline orientation when compared with all types of carbon black. The carbon content is approximately 99.9%. | Excellent electrical properties, high absorption and purity. | Battery production, tires, rubber industry, coatings, sealants, greases and lubricants. |
| Corrosion Inhibitors | Gelled, thixotropic, crystalline calcium sulfonates in a variety of diluents, oil mineral spirits and water. Product designation - ThixoCal™. | High polarity allows for excellent wetting of surface with minimal preparation, crystalline structure forms moisture proof barrier. Most formulations leave soft 'self-healing' film. | Automotive undercoating, automotive inner-panel coating, exterior structural coatings, i.e. bridge decks, off road equipment, pipes and threads and steel sheet. |
| Fumed Silica | A low-density, high-surface-area powder produced from flame pyrolysis of silicon tetrachloride or quartz sand. It consists of microscopic droplets of amorphous silica that fuse into branched, three-dimensional secondary particles which then agglomerate into tertiary particles. | Increases viscosity and thixotropic behavior when used as a thickener and reinforcing filler. It also imparts rheopexy, anti-settling, anti-blocking, dispersing, fluidity, and anticorrosive properties. | A universal thickening agent in coatings, adhesives, sealants, elastomers, lubricants, greases and more. Also used as an anticaking agent in powders, a light-diffusing agent in cosmetics, and a light abrasive in products like toothpaste. |
| Metal Carboxylates | Organometallic salts formed by the reaction of copper or zinc and naphthenic acid dissolved in a hydrocarbon solvent. | Completely miscible in all base oils in all proportions, non-conductive, resists oxidation, light to medium viscosity and anti-wear properties. | Wood products, resins, veterinary pharmaceuticals, lubricant additives, fungicides, paints, inks and greases. |
| Tackifiers | Soltex tackifiers are a combination of high molecular weight polymers in selected mineral oils. | Additive to impart improved adhesion, ensure hydrodynamic lubrication, corrosion protection, prevents dripping and splashing during operations. | Bar and chain lubricants, compressor oils, greases and way lubricants. |

