



Make the switch to plant-based oils for lubricants, metalworking fluids, and other industrial applications and enjoy the added benefits of improved performance, longer life-cycles, and reduced environmental footprint.

Plant-Based Oils from Process Oils, Inc.

AURORA OILS

BENEFITS:

- Higher viscosities
- Less reactivity & oxidation
- Less solvency, close to mineral oil
- Higher molecular weight polymers that grow in 3 dimensions
- Molecular weight, size & acid value can be adjusted in production
- Adjustable polarity

APPLICATIONS:

- Lubricants and penetrating oils
- Corrosion inhibitor formulations
- Metalworking fluids

Product	Source	Description
Aurora CB W	Modified Vegetable Oil	Biobased derivative of refined, bleached and deodorized canola oil.
Aurora CB Z2	Modified Vegetable Oil	Biobased derivative of refined, bleached and deodorized canola oil.
Aurora SB W	Modified Vegetable Oil	Biobased derivative of refined, bleached and deodorized soybean oil.
Aurora SB Z2	Modified Vegetable Oil	Biobased derivative of refined, bleached and deodorized soybean oil.
Aurora SK W	Modified Vegetable Oil	Biobased derivative of refined, bleached and deodorized soybean oil.
Aurora SK Z2	Modified Vegetable Oil	Biobased derivative of refined, bleached and deodorized soybean oil.

VERSANEW SULFATED OILS

BENEFITS:

- Water dispersible
- Low foam
- Solvency
- Natural emulsification
- Sits on top of surfaces and creates a “smooth” layer

APPLICATIONS:

- Soaps & detergents
- Oil & gas lubricants
- Metalworking fluids
- Textile & leather processing
- Agriculture
- Paints & coatings

Product	Source	Description
VersaNew Sulfated Butyl Oleate 77	Butyl Oleate	Aqueous solution used as a wetting & dispersing aid, emulsifier and leveling agent.
VersaNew Sulfated Castor Oil 75	Castor Oil	Consistent, all-natural chemical feedstock that is highly versatile and can be used in numerous industrial applications.
VersaNew Sulfated Methyl Oleate 30	Methyl Oleate	A powerful dispersant & emulsifier that improves caustic stability versus sulfated oleic acid.
VersaNew Sulfated Oleic 55	Oleic Acid	A powerful dispersant, wetting aid, low-foaming emulsifier and surface active cleaner for industrial applications.
VersaNew Sulfated Soybean Oil 80	Soybean Oil	A versatile material that can be used in lubricants, detergents, dispersing agents, or as a foam suppressant. It also works effectively as a surfactant, process aid and emulsifier in a wide range of industries.

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ACID OIL

BENEFITS:

- Lubricating properties
- Rust & corrosion resistance
- Leveling, dispersion & emulsification enhancement

APPLICATIONS:

- Metalworking fluids
- Oil & gas lubricants and corrosion inhibitors
- Paints & coatings
- Plastics

Product	Source	Description
Acid Oil	Biobased	Mixture of free fatty acid mono-, di-, and triglycerides containing hydroxyl groups.

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