



# **RESEARCH** and development...

With over 100 years of manufacturing and product development experience, the West Penetone family of companies has developed and patented a number of products designed to satisfy the needs of its numerous clients throughout the world. Whatever cleaners, degreasers or decontamination products may be required, we offer a broad range of products that meet the highest standards of safety and efficacy.

Concerned as we always are about environmental impact, we have introduced a new line of "green" cleaners and degreasers as well as super concentrated formulas for a dramatic reduction of packaging.

Looking for a product to meet a specific need? Our team of experts can develop products that will answer your requirements.

Implementation of chemical application procedures by our technical team allows you to carry out your cleaning operations while ensuring a safe environment.







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# Discover our Complete line of Oil & Gas Fluid Treatment Products



Products	Description
<b>1000D</b> Demulsifiers	The <b>Penetone 1000D</b> series are both water and oil soluble demulsifiers designed to resolve difficult or tight emulsion in treaters and tanks. These products quickly coalesces diffused water droplets allowing for rapid water drop. A blend of specific surface active agents, the chemistries are designed to reduce BS&W and "polish" the production to clean, bright oil. Site specific emulsion breakers can be developed for difficult treating applications.
<b>2000C</b> Corrosion Inhibitors	The <b>Penetone 2000C</b> series are both water and oil soluble corrosion inhibitors designed to mitigate corrosion problems in all aspects of petroleum production. These products have both continuous injection and batch applications. Amine based blends of specific surface active agents, the chemistries are designed to produce internal, water resistant films on flowlines and fixtures. Site specific inhibitors can be developed for aggressive corrosion or "high risk" environments.
<b>3000S</b> Scale Inhibitors	The <b>Penetone 3000S</b> series are water soluble scale inhibitors designed to prevent scale fouling problems in treaters, flowlines and injection wells. These products are usually continuously injected at very low concentrations, typically 25 to 100ppm of the produced water. Phosphate and phosphonate based blends; Penetone 3000S products can alleviate many production scaling issues from all types of scale. They are especially effective on carbonate and sulfate deposition and iron sulfide dispersion. Also available are a number of scale removing chemicals including "safe to handle" organic acids and chelating compounds for barium and Strontium scales.  Site specific inhibitors can be developed for significant problem areas.
<b>4000P</b> Paraffin Dispersants, PPD, Solvents	The <b>Penetone 4000P</b> series are solutions to wax and paraffin problems. A wide variety of chemistries that will keep production flowing. This includes wax crystal modifiers, matrix disruptors, solvents and drag reducers. The aromatic and aliphatic solvent blends ease the removal of wax deposits. These can be both continuous injection and batch treatments.
<b>5000F</b> Foamers/Surfactants	The Penetone 5000F series are generally water soluble foaming agents. They are specifically designed to assist gas wells that have reduced production from loading off with water. They can also improve production on wells generating excessive water and solids. These can be both continuous injection and batch treatments.
<b>6000B</b> Blended Products	The <b>Penetone 6000B</b> series are combined chemistries. They include corrosion/scale inhibitor blends, inhibitor/scavenger blends and more. Generally not quite as effective as the individual chemicals, blended materials solve problems of space or at time when only one injection point is available. These can be both continuous injection and batch treatments.
7000M	
Miscellaneous, Biocides, Clarifiers, Polymers, Oxygen Scavengers	The <b>Penetone 7000M</b> series are the rest of the production chemical solutions. These include biocides, oxygen scavengers, water clarifiers, polymers, defoamers and more.
<b>8000H</b> Hydrogen Sulfide Scavengers	The <b>Penetone 8500H</b> series are hydrogen sulfide scavengers with exceptional abilities and a vast array of properties. Highly effective at removing H <sub>2</sub> S from gas streams, oil, slop oil, water and sludge. Hydrogen sulfide scavengers are available in water and oil soluble forms as well as "formaldehyde free" alternatives.