



The Effective Vapor Degreasing Solvent with Desirable Environmental Properties

Solstice PF (Solstice Performance Fluid), is a highly effective fluorinated solvent distributed exclusively by KYZEN across most of North America. We highly recommend it for metal degreasing, and oxygen systems cleaning. In fact, Solstice PF is the preferred solvent of NASA for AK225 replacement in their oxygen systems cleaning. It is nonflammable, with favorable toxicity properties (OEL of 800 PPM), a low global-warming-potential of 1, negligible ozone depletion, does not contribute to ground-level smog and is not a volatile organic compound (VOC) as determined by the U.S. EPA and the South Coast Air Quality Management District (SCAQMD).

Solstice PF is effective on the toughest soils while protecting even the most sensitive parts in metal finishing and oxygen systems cleaning. Solstice PF is safe for all types of metal materials and most plastics.

Solstice PF effectively removes hydrocarbon oils, silicone oils, silicone greases, fluorinated oils, mineral oils, and acrylics. It is a key ingredient in KYZEN's breakthrough VaporDegreasing 20|20 processes, which clean effectively, while maintaining favorable environmental properties. Solstice PF is formulated so that it will reliably replace your dependence on AK225 and nPb while ensuring that you exceed all HE&S and EPA requirements. It is low odor, recyclable, and offers zero personnel exposure while filling and removing.

Solstice PF is thermally and hydrolytically stable. In one experiment, samples of this solvent, in the presence of water and metals, were stored at 150°C for two weeks. There was:

- No observed effect on the metals and
- Analysis showed no indication of breakdown of the Solstice PF
- Also, samples stored in steel cylinders for several years have been analyzed and found to be in specification.

This combination of properties – solvency, compatibility, and wetting – makes Solstice PF extremely versatile cleaning solvent with broad utility for precision parts, medical devices, oxygen systems cleaning, etc.