

# TECHNICAL BULLETIN

1007

## ENGINE PARTS CLEANING WITH nsd-643

Cleaning reclaimed engines and engine parts has historically been done with solvents [hexane, trichlor, freon etc.]. Because of increasing regulatory restrictions, this type of cleaning is becoming more troublesome and expensive. Monitoring VOC emissions, estimating solvent loss through fugitive emissions, and proper disposal of spent cleaning solvents are some of the headaches involved with solvent cleaning.

Intercon's **nsd-643** offers a water-based solution to the problems associated with parts cleaning. **nsd-643** is a non-butyl, orange solvent emulsion cleaner that is ideal for removing motor oil, transmission fluid, bearing grease and cosmoline from new engines or those going through the rebuilding process.

| <u>FEATURES</u>       |   | <u>BENEFITS</u>                                 |
|-----------------------|---|---|
| ● Concentrated        | T | Dilute with water 5-25%                         |
| ● Rugged Surfactants  |   | Longer Solution Tank Life                       |
| ● High Flash Point    | T | High Temperature Solutions =<br>Faster Cleaning |
| ● Orange Solvent Base | T | Non-Ozone Depleting, Great<br>Cleaning Power    |
| ● Low Alkalinity      | T | Non-corrosive to Steel                          |

Cleaning applications include: rebuilt engine blocks, new piston rods, camshafts, bearings, etc. Intercon's **nsd-643** is typically used 5-25% by volume, and at temperatures up to 140° F. It is used in static soak tanks, ultrasonic tanks, agitation tanks and hand sprayer applications. The product can also be foamed on with foaming equipment.

Not only does **nsd-643** offer cost reductions over solvents in cleaning, but it can offer reduced disposal costs of spent solution as well. Residues that have been removed by **nsd-643** can be split out of solution, allowing the separation of oils and greases from the water fraction. This reduces the volume of solution that may have to be disposed of as hazardous waste. The water fraction can then be typically treated as normal waste [state and local regulations vary].

Consider the aqueous alternative for engine parts cleaning: Intercon's **nsd-643**.

For further information on use and application of this product, please contact your Sales Representative or call Customer Technical Service at 800.325.9218 ext. 580.