



INDUSTRIAL  
LUBRICANTS &  
SERVICES LIMITED

## Technical Data sheet

# ILS SYSTEM CLEANER

## Machine Tool & System Cleaner

### Description

**ILS System Cleaner** is specially formulated to deal with the range of contaminants encountered in machine tool systems, using water based coolants. This contamination includes fatty and heavy oil build up in plasma cutting table, pipe work, floor return channels and floor ducts, tramp oil layers, bacteria and fungi.

Regular use at fluid changeover time, is highly recommended, as the adoption of the simple clean out procedure dramatically reduces coolant related problems, and ensures maximum coolant sump life.

### PROCEDURE

- Recommend dosage at 1 - 3%, (3% for highly contaminated fluid system)
- Introduce where there is good coolant flow
- Add **ILS SYSTEM CLEANER** between 8-24 hours before the coolant is due to be discarded
- Operate machine as normal
- Clean dead spot (corners) manually by using a 1% dilution
- Empty the coolant system and machines, and dispose of the used coolant
- Scrub and remove any swarf
- Rinse the system with water and discard
- Fill the system with fresh coolant at recommended concentration

### BENEFITS

- Low foaming
- Compatible with most water soluble metalworking coolant types
- Used whilst machines are in normal operation
- Reduces maintenance cost
- Highly effective against bacterial and fungal contaminations
- Non-staining and non-corrosive for most common metals
- Min. downtime, improved productivity, and extended coolant life

**STORAGE AND HANDLING:** Keep container closed, prevent exposure to frost, and prevent water ingress. Store in cool, dry conditions, avoid direct sunlight. Indoor storage is preferable.