

# Product Data Sheet

## **IPOL ENHANCO PRESSOL AS 150**

### **LOW VISCOUS OIL FOR LIGHT FORMING OPERATIONS**

**IPOL Enhanco Pressol AS 150** is a low viscous oil specifically designed for lighter stamping operations on Aluminium. The combination of low viscosity and superior additive chemistries makes itself fast drying and to deliver maximum die life during Fin forming, Punching, Blanking & Bending operations.

Being formulated from high volatile, odorless solvent for base oil, it leaves zero residue after operations. It gives no odor and a pure operator friendly product giving excellent lubricity and performance under severe working conditions.

#### **Applications:**

Suited for light Aluminium Fin forming operations

Copper Tube Bending Operations

#### **Key Advantages:**

Optimized lubrication  better tool life

Excellent evaporation characteristics  minimum residue

Odorless and excellent skin compatibility  better operator acceptance

Very low level of aromatic content  environment friendly

Low pour point  stable at very low temperatures

#### **Application Method:**

Applying Method: Drop, Spray, Brush, Dipping

Working Procedure: Stamping, Blanking, Punching, Tube Bending

Workpiece Metal: Aluminium, Ferrous, Copper , Others

## Characteristics:

| Properties                          | Test Methods | Typical Value  |
|-------------------------------------|--------------|----------------|
| Appearance                          | Visual       | Bright & Clear |
| Odour                               | Visual       | Typical        |
| Kinematic viscosity cSt @40°C       | ASTM D 445   | 1.5            |
| Density @ 30°C g/cm <sup>3</sup>    | ASTM D 1298  | 0.75           |
| Flash point (COC), °C Min.          | ASTM D 92    | 55             |
| Pour point °C, max.                 | ASTM D 97    | < -20          |
| Acid number, mgKOH/gm               | ASTM D 664   | 0.02           |
| Evaporation loss[% , 120°C, 30 min] | Proprietary  | 98             |

The above data is typical & does not constitute a specification. The information provided is not to be taken as a warranty or representation for which we assume no legal responsibility, nor as permission or recommendation to practice any attended location or otherwise. It is solely offered for your consideration, investigation and verification.

## Storage and Packaging

IPOL Enhanco Pressol AS 150 can be supplied either in 210 liter non-returnable HDPE/ Steel drums or in bulk.

The product should be preferably stored indoors in dry conditions and protected from extreme temperatures. In case the drums are stored outside, adequate precaution needs to be taken to cover them for avoiding any rain water contamination.