

# Product Data Sheet

## **IPOL LTM Oil 105**

Multipurpose Industrial application oil

### **Description**

IPOL LTM oil 105 is multipurpose oil used in different types of industrial applications especially in crack detection purpose or as a carrier fluid.

Backed by skilled professionals, we are involved in offering this oil for various applications like,

- Test oil used in Magnetic Crack Testing machines using magnaflux powder, for detection of surface flaws in ferrous parts.
- As a Test oil in calibration of fuel pumps, injectors & fuel filters.
- As non-staining neat cutting oil in machining operations like surface grinding etc.

### **Salient Features**

- IPOL LTM Oil 105 is a special product, made from carefully selected distilled feed stocks,
- Specified boiling range and viscosity to obtain a consistent quality product.
- Treated with oxidation corrosion inhibitors for optimal performance in the every operations, it is used.
- Widely acclaimed for its odorless, colorless and consistent viscosity.
- Consistent calibration results.
- Tested injector and pumps are fully protected from rusting.
- Requires least make up on account of less evaporation losses.
- Ideal to use as cleaning fluid also.

### **Method of use (For Crack / Leak Detection):**

- IPOL LTM Oil 105 is supplied ready to use. The magnetic particles should be added to the carrier at the recommended concentration and thoroughly mixed to ensure an even suspension.
- The bath strength should be checked prior to use.
- Components should be cleaned prior to testing to provide a suitable test surface and to prolonged bath life.
- The bath must be mixed thoroughly prior to use and must be kept agitated during testing

## Characteristics

Characteristics	Test Methods	Typical Test Results
Appearance	Visual	Clear transparent
Colour	ASTM D 1500	L 0.5
Odour	Manual	Acceptable
Viscosity cSt at 40°C	ASTM D 445	4.06
Specific Gravity at 30°C	ASTM D 1298	0.78
Flash Point COC, °C	ASTM D 92	116°C
Copper Corrosion @ 100°C	ASTM D 130	1a
Sulphur Content	Proprietary	< 1000 ppm
Chlorine Content	Proprietary	< 500 ppm

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 do not assume any 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 LTM Oil 105 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.