

**WIRE DRAWING FLUIDS****IPOL WIRE DRAW 17****Description:**

Wires are manufactured by a repetitive process of reduction in stages by drawing the metal rods through a range of dies of smaller and smaller openings. During the drawing process sufficient heat to make the material plastic is generated. To reduce the die-wear because if excessive heat, the use of correct lubricant is desirable. It also enhances the die life.

**Salient Features:**

IPOL Wire Draw 17 is mineral oil based product that can withstand extreme pressures in forming, stamping and deep drawing of aluminium and its alloys.

It is not water soluble and used neat.

**Application:**

IPOL Wire Draw 17 may be applied by, flooding, dipping or rolling on the parts depending on the method and equipment used for drawing.

**Benefits:**

- The surface is maintained bright and shining.
- The die life is increased by their use.
- Very economical to use.
- Offer less friction and thereby save power.

## Product Data

### Typical Results: IPOL Wire Draw 17

Characteristics	Test Methods IS 1448	Result
Appearance	Visual	Bright & Clear
Density @ 15°C	ASTM D 1298	0.900
Flash Point COC°C min.	P-69	210
Viscosity cSt at 40°C	P-25	300
Saponification value % mgm KOH/gm	P-55	10
Copper strip corrosion 3 hrs. @ 100°C	P:15	1

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