



# TECHNICAL DATA SHEET

## PRODUCT

**INDY SYNTECH VBP**  
**General Purpose Soluble Oil**

## DESCRIPTION

INDY Syntech VBP is an emulsifiable metalworking fluid formulated using a combination of paraffinic oils and additives that exhibit extreme pressure and corrosion inhibition properties. INDY Syntech VBP is suitable for use as a general purpose cutting oil in a wide variety of applications.

## APPLICATION

INDY Syntech VPB is suitable for use in machining both ferrous and non-ferrous metals, and is compatible with cast iron and yellow metals.

### Recommended Dilutions

|                                  |        |
|----------------------------------|--------|
| Milling, Turning & Drilling      | 4 - 8% |
| Grinding                         | 3 - 5% |
| Tube Forming (hot & cold rolled) | 3%     |

## TECHNICAL CHARACTERISTICS

|                               |                    |                       |           |
|-------------------------------|--------------------|-----------------------|-----------|
| Appearance                    |                    | Amber liquid          |           |
| Density at 20°C               | kg.m <sup>-3</sup> | 890                   | (typical) |
| Emulsion stability            |                    |                       |           |
| - 24 hrs in 200ppm hard water |                    | Clear - no separation |           |
| - 24 hrs in 400ppm hard water |                    | Clear - slight scum   |           |
| Thermal stability             |                    |                       |           |
| - 24 hrs at 0°C               |                    | Clear and stable      |           |
| - 24 hrs at 50°C              |                    | Clear and stable      |           |

## PACK SIZES

210L, 20L, 4\*5L