

# Superdraw ELP

A High Viscosity Non-Chlorinated Neat Oil

## Description

**Superdraw ELP** is a high viscosity high performance cold metal forming lubricant designed to be used neat or diluted with mineral oil. It is approved by **BAE Systems** for bending of titanium and aluminium tubes.

The product has been developed containing high levels of polymer and lubricant additives which are designed to protect tooling and improve surface finish in cold metal forming applications where high performance characteristics are required either due to the severity of operation or due to the material being formed.

## Typical Applications

Typical applications would include tube bending, drawing, deep drawing, pilgering, blanking, piercing, perforating and heavy duty stamping in materials such as aluminium alloys, titanium, carbon steels, stainless steels and coated materials. On more sensitive materials it is recommended that stain testing is carried out before entering high volume production.

## Application Method

**Superdraw ELP** can be applied by hand, dip, swab, drip, pad or spray systems capable of handling a material of this viscosity.

In less severe applications **Superdraw ELP** can be diluted with mineral oil.

## Typical Data

Appearance	Viscous Fluid
Kinematic Viscosity @ 40 <sup>o</sup> C	~4500 mm <sup>2</sup> /s
Halogen content (% Weight)	Nil
Specific Gravity @ 20 <sup>o</sup> C	0.95

## Health and Safety

For full Health & Safety Data please refer to the relevant MSDS sheet for this product.

### John Neale Ltd

25 Fairfield Road, Halesowen, West Midlands, B63 4PT

Tel 0121 585 8793, Fax 0121 585 8793

[www.johnnealeltd.co.uk](http://www.johnnealeltd.co.uk) [info@johnnealeltd.co.uk](mailto:info@johnnealeltd.co.uk)