

Supplier - SMART OIL

**SmartDraw SDA4894***Aluminum Alloy Stamping and Drawing Concentrate**Light Color Drawing Oil Packages*

### Typical Properties

|                                     |                    |
|-------------------------------------|--------------------|
| Appearance                          | Clear Amber Liquid |
| Viscosity@40°C, cSt                 | 60 - 120           |
| Specific Gravity@25°C               | 0.800 - 0.900      |
| Acid Value, mgKOH/g                 | < 30               |
| Flash Point C.O.C., °C              | > 130              |
| Fat Content, %wt                    | > 90               |
| 100%Neat $P_B/P_D$ , kg++           | 107 / 620          |
| 70% Neat + 30% 150SN $P_B/P_D$ , kg | 100 / 400          |

\*4 Ball Wear Test; Server Motor Speeds reach 1500rpm ( $P_B$ ) and 1760rpm ( $P_D$ ) in 0.03sec.

### Product Description

**SMARTDRAW SDA4894** is a washable stamping and drawing concentrate which containing no chlorine, specially designed for machining aluminum alloys .

**SMARTDRAW SDA4894** contains special friction modifier, high molecular weight polymeric esters, extreme pressure additives, synthetic ester, with strong lubricity, which can perform good lubricity and maintain high film strength even in high temperature during machining. Not easy to oxidize, specially suitable for drawing and stamping operations.

**SMARTDRAW SDA4894** leaves few residue during operation, can ensure good surface finishing of workpieces.

**SMARTDRAW SDA4894** contains anti-corrosion component which has short term anti-corrosion characteristic after machining.

**SMARTDRAW SDA4894** can be used neat or diluted with mineral oil in application.

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