



1. OVERVIEW

In recent years, the cold heading process has been increasingly adopted for various kinds of metal work instead of cutting process. Belpress series are so designed that it has superior applicability under any kind of severe work conditions. Given below, we have a series of YBI products developed through research considering conditions from every single angle. Because of the recent movement towards energy saving, a higher quality lubricant is being requested, which can meet the demand for the speeding-up and reduction of work time.

2. SELECTION OF DRAWING & FORMING OIL

Good selection of Drawing & Forming oil is connected directly to quality improvement, cost reduction and productivity improvement.

Following factors should be considered while selecting the drawing & forming oil,

- 1 Lubricity and film strength.
- 2 Rust & corrosion prevention property, Anti-stain property.
- 3 Degreasing property.
- 4 Annealing property, water oil treatment and low pollution property.



3. PRODUCT INFORMATION

PRODUCT	APPEARANCE	VISCOSITY (40°C, mm ² /s)	FLASH POINT (°C)	Cu CORROSION TEST (100 °C, 1 Hr.)	S	Cl	APPLICATION & PROPERTIES
YBI BELPRESS IPR-4D(PN)	Dark brown opaque	440 ± 44	210 ± 21	2	P	P	<ul style="list-style-type: none"> - High workability. - Forming, drawing and bending of SS plates and tubes. - Application brushing.
YBI BELPRESS IPR-220(PN)	Dark brown opaque	220 ± 22	Min 180	2	P	P	<ul style="list-style-type: none"> - High workability. - Forming, drawing and bending of SS plates and tubes. - Application brushing.
YBI BELPRESS IPR-2D(PN)	Dark brown opaque	170 ± 17	Min 180	2	P	P	<ul style="list-style-type: none"> - High workability. - Forming, drawing and bending of all types of steel plates. - Application brushing.
YBI BELPRESS IPR-60(PN)	Dark brown transparent	60 ± 6.0	Min 160	2	P	P	<ul style="list-style-type: none"> - Pressing for compressor case. - Application brushing.
YBI BELPRESS IFL-110(PN)	Colourless transparent	2.5 ± 0.3	100	1	-	-	<ul style="list-style-type: none"> - Used for metal forming of Aluminium, Silicon steel, Copper and its alloys. - Good lubricity. - Application spraying, dripping, dipping and brushing
YBI BELPRESS FL-3500	Yellow	1.65 ± 0.3	76 ± 7.0	1	-	-	<ul style="list-style-type: none"> - Stamping, punching and forming for Aluminium fin press machines. - Application spraying, dripping, dipping and brushing.
YBI BELPRESS FL-33	Colourless transparent	1.38 ± 0.2	56 ± 6	1	-	-	<ul style="list-style-type: none"> - Stamping, punching and forming for Aluminium fin press machines. - Application spraying, dripping, dipping and brushing. - Leaves no residue.
YBI BELPRESS PRE-99i	Colourless transparent	1.5 ± 0.2	50 ± 5	1	-	-	<ul style="list-style-type: none"> - Aluminium fin press oil. - Mild odour. - Good lubricity. - Increase the life of the tool. - Leaves no residue.