

SARDRAW 213 is a blend of severely solvent-refined oil, EP additives, lubricity esters, corrosion inhibitors, and phosphorous and sulphurised compounds. The formulation has high film strength characteristics and is suitable for a wide range of presswork applications, from severe duty to light.

## **APPLICATION**

Designed ready for use as a neat oil on heavy duty to severe applications such cold forging, heavy duty stamping, cold reduction / drawing of ferrous materials. A medium to low viscosity product with additive levels balanced ideally for difficult blanking and fine blanking applications. The product has also been developed for light to heavy duty drawing of bar and tube as well as being suitable for cold heading applications.

Post Form / Removal – remove with solvent or aqueous cleaner

## **BENEFITS**

- Excellent coverage of materials.
- Suitable on all ferrous materials.
- Used on single stage, progressive or transfer presses.
- Provides in process rust protection.
- Versatile product for a wide range of applications.

## **TYPICAL PROPERTIES**

Kinematic Viscosity @ 40C	44.0 cSt
Appearance	Pale Brown liquid
Flashpoint	> 180C
Sulphur	Yes
Chlorine	Yes
Phosphorous	Yes
Ester	Yes
Copper Corrosion	1B

## **HEALTH & SAFETY, STORAGE AND DISPOSAL**

Please refer to the Safety Data Sheet, freely available, for product handling and disposal advice. Please note that the SDS includes handling, storage, health and disposal information which should be passed on to anyone else who comes in contact with our product. Additional advice can also be obtained from your local representative.

NOTE: Read and understand all precautions on container labels before using this product.