



Adformol EP 130

Extreme Pressure Metal Forming Oil

Description; Description

Adformol EP 130 is a high viscosity multi purpose forming oil for heavy duty operations on a variety of medium and high tensile steels.

The product combines chlorinated and sulphur based extreme additives to provide excellent anti wear properties leading to improved tool life.

Applications; Applications

Adformol EP 130 was developed initially for deep drawing of stainless steel in multi stage transfer presses. It is however a multi purpose forming fluid and can be used successfully in a wide range of operations, such as pressing, stamping and piercing.

Adformol EP 130 can also be used in fine blanking operations on medium and low carbon steels, wherever the requirement is cleanly cut surfaces and high dimensional accuracy.

Main Benefits; Main Benefits

- High level of additional lubricity and extreme pressure properties to provide excellent surface finish
- Applied by all conventional methods
- Facilitates a clean shearing action and ensures high dimensional accuracy and excellent workpiece quality

- Protects metal surfaces against corrosion between operations
- Extreme pressure additives to cater for the most arduous deep drawing operations
- Enhances the life of blanking tools

Storage; Storage

All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and the obliteration
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of drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.; of drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

Health, Safety and Environment; Health, Safety and Environment

Health, safety and environmental information is provided for this product in the Materials Safety Data Sheet. This gives details of potential hazards, precautions and First Aid measures, together with environmental effects and disposal of used products.; Health, safety and environmental

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Typical Characteristics; Typical Characteristics

| | Test Methods; Test Methods | Units; Units | Grade ; Grade : |
|-----------------------------|----------------------------|--------------------|-----------------|
| | | | Adformol EP |
| | | | 130 |
| Appearance | | | brown |
| Density at 15°C | ISO3675, ASTM D1298 | kg/m ³ | 1036 |
| Kinematic Viscosity at 40°C | ISO3105, ASTM D445 | mm ² /s | 120 |
| Flash Point (PMC) | ISO2719, ASTM D93 | °C | 174 |
| Pour Point | ISO3016, ASTM D97 | °C | -12 |
| Neutralisation Number | ASTM D664 | mgKOH/g | 10.3 |
| Copper Corrosion | ISO2160, ASTM D130 | | 4b |
| 4-Ball Weld Load | ASTM D2783 | N | 4000 |

The above figures are typical of those obtained with normal production tolerance and do not constitute a specification.

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 Witan Gate House Lubricants Helpline: 0845 - 6031080
 500/600 Witan Gate Fax: 0845 - 6031070
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