

A range of lubricants for ferrous and non-ferrous cold and warm metal-forming processes



Introduction

The Metaform™ range uses the latest oil-based, solvent-based and water-extendable technology to provide a comprehensive range of lubricants for almost every cold and warm forming process.

The range is suitable for use on a variety of ferrous and non-ferrous metals, including aluminium, copper, high-carbon and stainless steels. Metaform™ lubricants can be used on all modern presswork equipment including high-speed progression tools and transfer presses.

Each lubricant contains specially selected additives to provide effective boundary and EP lubrication as required by each operation. Depending on product selection residues can vary from dry-to-the-touch to oily with built-in corrosion protection. All Metaform™ lubricants are Chlorine free and some products are both Chlorine and Sulphur free – for the most demanding sectors such as aerospace.

Special products are available for fin-forming applications where R-134a refrigerant compatibility is required. Metaform lubricants are low odour and pleasant to use.

Features and benefits

- Wide range of lubricants for all warm and cold forming processes
- Highly effective boundary and EP lubrication specially selected for each application
- Suitable for use on a variety of ferrous and non-ferrous metals
- Designed for use with the latest equipment
- Chlorine free and both Chlorine and Sulphur free products
- Low odour and pleasant to use

Pack sizes

All Metaform™ lubricants are available in 1000L IBCs, 205L drums and 20L containers.

Global specialists in high-performance lubricants

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The Metaform™ Selector Chart



METALUBE®

Product	Comment		Neat Oil	Solvent Based	Soluble	Chlorine Free	Sulphur Free	Solid Lubricant	Refrigerant Compatible	Viscosity (cSt @ 40 C)	Application													
											Aluminium Finforming	Roll Forming				Blanking & Stamping	Fine Blanking	Cold Heading	Piercing	Punching	Pressing & Drawing			High Temp
												Aluminium		Ferrous Metals							Light	Medium	Heavy	
												Light	Heavy	Light	Heavy									
Metaform™ PE36	Oil-based, low-viscosity product with strong level of EP and anti-wear additives, scourable for easy cleaning									36														
Metaform™ PE150	Oil-based, medium-viscosity product with strong level of EP and anti-wear additives, scourable for easy cleaning									140														
Metaform™ PE350	Oil-based, high-viscosity product with extremely strong levels of EP and anti-wear additives, scourable for easy cleaning									350														
Metaform™ HT-600	Heavy-duty forming fluid with solid lubricant									2400														
Metaform™ FL50	Very light evaporative product for aluminium fin forming									<5														
Metaform™ FL120	Light evaporative product that leaves very low residue									<5														
Metaform™ FE100	Moderate evaporative product that leaves a light oily residue									<5														
Metaform™ FE300	Moderate/heavy-duty evaporative product that leaves a light oily residue									<5														
Metaform™ FE500	Heavy-duty evaporative product that leaves a light oily residue									<5														
Metaform™ RC50	Light evaporative product based on refrigerant compatible raw materials									<5														
Metaform™ RC120	Light evaporative product based on refrigerant compatible raw materials									<5														
Metaform™ W440	Water-extendable forming fluid for ferrous and non-ferrous metals									111														
Metaform™ W550EP	Heavy-duty water extendable forming fluid									100														
Metaform™ W744	Heavy-duty, water-extendable forming fluid with solid lubricant									2200														

The product information in this publication is based on knowledge and experience at the time of printing. There are many factors outside our control or knowledge which affect the use and performance of our products, for which reason it is given without responsibility. Issue date: 30/01/18