



TECHNICAL DATA

GB KUTILUBE 7 FF

A semi synthetic high performance, formaldehyde release biocide free, water soluble cutting fluid.

APPLICATIONS

GB KUTILUBE 7 FF is a medium oil content cutting fluid specifically formulated for the machining of tough ferrous and non-ferrous alloys. It uses a unique combination of chlorine-free lubricity additives to achieve superb machining performance. GB KUTILUBE 7 FF is an extremely low foaming product which enables it to perform well in through spindle systems and high coolant volume delivery applications. GB KUTILUBE 7 FF is free of secondary amines, boron, and biocides.

GB KUTILUBE 7 FF is used for turning, milling, drilling, threading, and reaming. It is also suitable for cold forming of steel sheets.

MATERIAL COMPATIBILITY

GB KUTILUBE 7 FF is primarily designed for use on ferrous and non-ferrous materials, including aluminium alloys.

WATER COMPATIBILITY AND PRODUCT MIXING

GB KUTILUBE 7 FF is suitable for a wide water hardness range, typically between 50 and 350 ppm. GB Lubricants recommend the use of automated mixing systems; however, when mixed manually, the water should be agitated whilst the concentrate is added. The emulsion strength should always be checked prior to application, using a calibrated refractometer. Details of where to purchase equipment and how to use it are available from the GB Lubricants Technical Department.

CONCENTRATIONS

APPLICATION	%
Turning, Milling and Drilling	4 – 6
Tapping and Threading	5 – 7
Reaming and Deep Hole Drilling	7 – 10

Cont'd.../...

GB LUBRICANTS

Albany Road Gateshead NE8 3BP

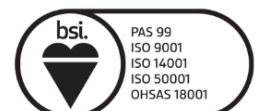
Tel: 0191 490 4312

Fax: 0191 477 9544

e-mail: gblsales@gb lubricants.co.uk

www.gb lubricants.co.uk

A division of Goodall Bates & Todd Ltd



GB LUBRICANTS

CHARACTERISTICS

CONCENTRATE		EMULSION	
TEST	TYPICAL PHYSICAL CHARACTERISTICS	TEST	TYPICAL PHYSICAL CHARACTERISTICS
Appearance	Pale brown liquid	Appearance	Semi translucent
Density	960 kg/m ³	pH @ 5%	9.6
		IP 287 Corrosion Test %	2.0
		Refractometer Factor	1.4

STORAGE, HANDLING AND SHELF-LIFE

GB KUTILUBE 7 FF should be stored inside or under cover out of direct sunlight and protected from extreme temperatures (below 0°C and above 30°C). Avoid water collecting in the rim of upturned barrels.

Further information on GB KUTILUBE 7 FF can be obtained by referring to the corresponding Safety Data Sheet.

The Company policy is to ensure that a range of products is supplied which complies with the latest specifications and codes within the relevant industry. As part of this development process, we therefore reserve the right to amend formulations without prior notice.