



TECHNICAL DATA

GB KUTICLEAN

A water-miscible system cleaner for all machine tool coolant systems

APPLICATIONS

GB KUTICLEAN is a system cleaner, with a high activity wide spectrum biocide, for use in all machine tool coolant systems.

PERFORMANCE FEATURES

GB KUTICLEAN offers the following features:

- Attacks and removes bacterial and fungal growths
- Eliminates objectionable odours
- Provides a pleasant odour, promoting operator acceptability
- Effectively removes oil and slime
- Provides high corrosion protection
- Reduces machine downtime by extending coolant life

DILUTION

Dilute GB KUTICLEAN in hot or cold water at 1-2%, for a standard cleaning cycle, or 2-3% for heavy duty, and add directly into the drained machine.

For systems in use, add GB KUTICLEAN at 1-2% directly into the emulsion, 24-48 hours prior to draining.

On completion of the cleansing period, remove the coolant/machine cleaner and flush with fresh water, before refilling with coolant.

WATER COMPATIBILITY

- Typical 50 to 500 ppm (calcium carbonate)
- It may cause some foaming in highly agitated systems

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GB LUBRICANTS

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Q 06093
ISO 9001



EMS 72776
ISO 14001



OHS 88475
OHSAS 18001

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MATERIAL COMPATIBILITY

GB KUTICLEAN provides protection for all ferrous alloys, although it may increase the potential for staining aluminium. It is compatible with most in-use watermix fluids, oil-resistant plastics and polymer seals.

GB KUTICLEAN does not contain any of the following:

- Diethanolamine
- Sodium nitrite
- Sulphur
- Chlorine
- Phosphorus
- Silicon and polysiloxane defoamers
- Phenolic couplers
- Nonyl phenol and NP ethoxylates
- Colouring dyes

CHARACTERISTICS

CONCENTRATE		EMULSION	
TEST	TYPICAL PHYSICAL CHARACTERISTICS	TEST	TYPICAL PHYSICAL CHARACTERISTICS
Appearance	Yellow orange liquid	Appearance	Semi translucent
Specific Gravity	0.89	pH at 5%	9.5
Light Mineral Oil Content	50%	IP 287 corrosion test	4.0%

STORAGE AND HANDLING

GB KUTICLEAN has a shelf life of 6 months from the date of supply and should be stored under cover to avoid water collecting in the rim of upturned barrels.

HEALTH, SAFETY AND THE ENVIRONMENT

GB KUTICLEAN is classified as hazardous under current UK Health & Safety and Environmental Legislation and should only be used in the application for which it is intended.

For guidance on storage and handling of all lubricants and related products, GB Lubricants recommend the Environment Agency, www.environment-agency.gov.uk, as an excellent source of advice.

If you have any queries, please do not hesitate to contact either your local Technical Sales Representative or our Technical Department.

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 and specifications, without prior notice.