



# TECHNICAL DATA

## **GB UNIFOOD® HYDRAULIC OIL RANGE**

A range of premium taste-free food-grade hydraulic oils

### **APPLICATIONS**

The GB UNIFOOD® HYDRAULIC OIL RANGE has been developed using specially selected additives and basestocks, for use in food and food-associated processing plants, where there is the possibility of incidental food contact. It is suitable for use in hydraulic power transmissions and control systems.

### **PERFORMANCE FEATURES**

The GB UNIFOOD® HYDRAULIC OIL RANGE has been formulated to meet the requirements of today's hydraulic equipment and offers the following features:

- Good anti-wear performance
- Good oxidation resistance
- Good corrosion resistance
- Low foaming
- A product which is free of nut and animal-derived materials
- A product free of genetically modified ingredients
- A range of products containing only FDA-listed ingredients
- Conformity to the requirements of USDA H1\*

**NB:** The hydraulic system should be drained and flushed with the new product prior to filling with the GB UNIFOOD® HYDRAULIC OIL RANGE.

\* As directed by the Federal Food Quality Protection Act, the United States Department of Agriculture has closed the Department responsible for the authorisation of lubricants and, consequently, we have been unable to submit a sample for formal listing. However, we confirm that the product is formulated to meet the former USDA HI requirements.

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## **GB LUBRICANTS**

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Q 06093  
ISO 9001



EMS 72776  
ISO 14001



OHS 88475  
OHSAS 18001

# GB LUBRICANTS

**CHARACTERISTICS**

TEST	UNIT	METHOD	TYPICAL PHYSICAL CHARACTERISTICS		
			32	46	68
ISO					
Appearance			Water white	Water white	Water white
Density @ 15°C	kg/m <sup>3</sup>	IP 160	859	863	869
Kinematic Viscosity @ 40°C	cSt	IP 71	33.3	46.0	68.0
Kinematic Viscosity @ 100°C	cSt	IP 71	5.6	6.8	8.74
Viscosity Index		IP 226	106	102	100
Flash Point	°C	IP 36	194	198	205
Pour Point	°C	IP 15	-14	-13	-12

**STORAGE AND HANDLING**

The GB UNIFOOD® HYDRAULIC OIL RANGE should be stored under cover to avoid water collecting in the rim of upturned barrels.

**HEALTH, SAFETY AND THE ENVIRONMENT**

The GB UNIFOOD® HYDRAULIC OIL RANGE is not classified as hazardous under current UK Health & Safety and Environmental Legislation when 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](http://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.