



# TECHNICAL DATA

## GB UNIFOOD® GEAR OIL RANGE

### APPLICATIONS

The GB UNIFOOD® GEAR OIL RANGE has been developed using specially selected additives and synthetic base stocks that are FDA-listed and NSF-registered for lubricants with incidental food contact. The GB UNIFOOD® GEAR OIL RANGE is suitable for use in all food-processing industries, fish processing, and plants manufacturing food packaging. The range is designed for use in the lubrication of food machinery such as enclosed gearboxes, bearings, circulating systems, compressors and vacuum pumps handling air or inert gases.

### PERFORMANCE FEATURES

The GB UNIFOOD® GEAR OIL RANGE offers the following features:

- Non-toxic formulations
- A product which is free of nut- and animal-derived materials
- A product free of genetically modified ingredients
- Excellent lubrication under all operating conditions
- Good anti-wear protection
- Excellent air separation properties
- Excellent water separation properties

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

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## **GB LUBRICANTS**

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Trading Name of Goodall Bates & Todd Ltd



# GB LUBRICANTS

**GB UNIFOOD® GEAR OIL RANGE**

**CHARACTERISTICS**

TEST	UNIT	METHOD	TYPICAL PHYSICAL CHARACTERISTICS	
<b>ISO</b>			<b>150</b>	<b>220</b>
Appearance	-	-	Water white	Water white
Density	kg/m <sup>3</sup>	IP 160	844	847
Kinematic Viscosity @ 40°C	cSt	IP 71	151.50	213.1
Kinematic Viscosity @ 100°C	cSt	IP 71	19.8	25.1
Viscosity Index	-	IP 226	151	148
Flash Point	°C	IP 34	215	213
FZG Test A 8.3/90	-	DIN 51354 part 2	>12	>12
Pour Point	°C	IP 15	-45	-45

TEST	UNIT	METHOD	TYPICAL PHYSICAL CHARACTERISTICS		
<b>ISO</b>			<b>320</b>	<b>460</b>	<b>680</b>
Appearance	-	-	Water white	Water white	Water white
Density	kg/m <sup>3</sup>	IP 160	850	852	852
Kinematic Viscosity @ 40°C	cSt	IP 71	316.9	452.5	680
Kinematic Viscosity @ 100°C	cSt	IP 71	33.5	44.5	61.5
Viscosity Index	-	IP 226	148	153	158
Flash Point	°C	IP 34	210	207	207
FZG Test A 8.3/90	-	DIN 51354 part 2	>12	>12	>12
Pour Point	°C	IP 15	-40	-35	-35

**STORAGE AND HANDLING**

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

Further information on GB UNIFOOD® GEAR OIL RANGE 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.***