



# TECHNICAL DATA

## GB TRANSWAY HG RANGE

### APPLICATIONS

The GB TRANSWAY HG RANGE has been developed using the highest quality mineral virgin base oils and multifunctional additives to meet the exacting requirements of modern machine tool slideways, while offering the anti-wear properties of a hydraulic oil. Their dual purpose formulation makes them ideal for use where grade rationalisation is being considered.

### PERFORMANCE FEATURES

The GB TRANSWAY HG RANGE offers the following features:

- Accurate sliding movement
- Excellent protection of slideways
- Excellent demulsification properties
- Enhanced cleanliness
- Enhanced performance reliability
- Good stick-slip properties
- Good frictional properties
- Anti-foam properties suitable for effective operation of a hydraulic system
- Air-release properties suitable for effective operation of a hydraulic system

### PERFORMANCE DETAILS

At the relevant viscosities, the following specifications and requirements are met or exceeded:

CINCINNATI MILACRON P-47, P-53 (Slideway Performance)
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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			
			<b>32</b>	<b>46</b>	<b>68</b>	<b>100</b>
<b>ISO</b> Appearance	-	-	Light amber liquid	Light amber liquid	Light amber liquid	Light amber liquid
Density @ 15°C	kg/m <sup>3</sup>	IP 160	869	876	883	892
Kinematic Viscosity @ 40°C	cSt	IP 71	32.9	46.1	68.7	102.7
Kinematic Viscosity @ 100°C	cSt	IP 71	5.6	6.9	8.9	11.4
Viscosity Index	-	IP 226	106	105	101	102
Flash Point	°C	IP 34	220	225	225	230
CM Slip Stick Ration	-	-	0.77	-	0.77	-
Demulsibility: % Free Water in Oil	%	ASTM D2711	-	-	0.1	-
Total Free Water	ml	ASTM D2711	-	-	86	-
Emulsion Volume after Centrifugation	ml	ASTM D2711	-	-	0.01	-

**STORAGE AND HANDLING**

The GB TRANSWAY HG RANGE should be stored under cover to avoid water collecting in the rim of upturned barrels.

**HEALTH, SAFETY AND THE ENVIRONMENT**

The GB TRANSWAY HG 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.