



TECHNICAL DATA

GB UNIPOWER® S HVI 46 & 68

APPLICATIONS

GB UNIPOWER® S HVI 46 & 68 hydraulic oils have been developed using the highest quality virgin mineral base oils and advanced additive systems, for use in most industrial hydraulic systems requiring a zinc-free anti-wear lubricant with a high viscosity index. They are particularly suitable for applications where wide fluctuations of temperature apply.

PERFORMANCE FEATURES

GB UNIPOWER® S HVI 46 & 68 have been formulated to meet the current requirements of today's hydraulic equipment and offer the following features:

- Ashless technology
- High viscosity index
- Anti-wear performance
- Oxidation stability
- Corrosion protection
- Thermal stability
- Demulsification performance
- Air release performance
- Low foaming
- Seal compatibility
- Extended equipment life

MATERIAL COMPATIBILITY

GB UNIPOWER® S HVI 46 & 68 do not contain any zinc and are ideal for use where silver components are involved.

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GB LUBRICANTS

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A division of Goodall Bates & Todd Ltd



Q 06093
ISO 9001



EMS 72776
ISO 14001



OHS 88475
OHSAS 18001

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PERFORMANCE DETAILS

GB UNIPOWER® S HVI 46 & 68 may be used where the following specifications are required:

DIN 51524 PART 3 HVLP
CINCINNATI MILACRON P-69, P-70

AFNOR NF E 48-603

CHARACTERISTICS

TEST	UNIT	METHOD	TYPICAL PHYSICAL CHARACTERISTICS	
			46	68
ISO				
Appearance			Yellow liquid	Yellow liquid
Density @ 15°C	kg/m ³	IP 160	872	877
Kinematic Viscosity @ 40°C	cSt	IP 71	47.8	68.6
Kinematic Viscosity @ 100°C	cSt	IP 71	8.4	11.0
Viscosity Index	-	IP 226	153	152
Pour Point	°C	IP 15	-26	-26
Flash Point	°C	IP34	208	214

STORAGE AND HANDLING

GB UNIPOWER® S HVI 46 & 68 should be stored under cover to avoid water collecting in the rim of upturned barrels.

HEALTH, SAFETY AND THE ENVIRONMENT

GB UNIPOWER® S HVI 46 & 68 are not classified as hazardous under current UK Health & Safety and Environmental Legislation when used in the application for which they are 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.