



TECHNICAL DATA

GB UNIPOWER® HVI RANGE

APPLICATIONS

The GB UNIPOWER® HVI RANGE of hydraulic oils has been developed using the highest quality mineral virgin base oils and advanced additive systems, for use in most industrial hydraulic systems requiring an anti-wear lubricant with a high viscosity index. It is particularly suitable for applications involving wide fluctuations of temperature.

PERFORMANCE FEATURES

The GB UNIPOWER® HVI RANGE has been formulated to meet the current requirements of today's hydraulic equipment and offers the following features:

- High viscosity index
- Enhanced anti-wear performance
- Enhanced oxidation stability
- Corrosion protection
- Enhanced thermal stability
- Demulsification performance
- Air release performance
- Low foaming
- Filterability performance
- Seal compatibility
- Extended equipment life

PERFORMANCE DETAILS

At the relevant viscosities, the GB UNIPOWER® HVI RANGE may be used where the following specifications are required:

DENISON HF-0	DIN 51524 PART 3 HVLP, HV
VICKERS M-2950-S, I-286-S	AFNOR N FE 48-603
CINCINNATI MILACRON P-68, P-69, P-70	AFNOR N FE 48-691 filterability
US STEEL 127, 136	

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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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CHARACTERISTICS

TEST	UNIT	METHOD	TYPICAL PHYSICAL CHARACTERISTICS					
			15	22	32	46	68	
ISO								
Appearance	-	-	Pale Yellow	Pale Yellow	Yellow	Yellow	Yellow	Yellow
Density @ 15°C	kg/m ³	IP 160	853	863	868	872	877	
Kinematic Viscosity @ 40°C	cSt	IP 71	15.5	22.4	32.6	47.9	68	
Kinematic Viscosity @ 100°C	cSt	IP 71	4	5	6.7	8.4	10.8	
Viscosity Index	-	IP 226	165	155	165	150	150	
Pour Point	°C	IP 15	-34	-40	-41	-32	-26	
Flash	°C	IP 34	164	175	198	204	204	

STORAGE AND HANDLING

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

HEALTH AND SAFETY AND THE ENVIRONMENT

The GB UNIPOWER® HVI 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, 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.