



TECHNICAL DATA

GB INDUSTRIAL MP OIL RANGE

A range of industrial non-extreme-pressure, rust and oxidation inhibited circulating oils

APPLICATIONS

The GB INDUSTRIAL MP OIL RANGE has been developed using the highest quality virgin mineral base oils and incorporating an ashless oxidation and rust inhibiting package, for use as a general purpose rust and oxidation inhibited gear or circulating oil, in equipment that does not require extreme pressure performance.

PERFORMANCE FEATURES

The GB INDUSTRIAL MP OIL RANGE offers the following features:

- Good oxidation and thermal stability
- Good protection against corrosion of steel and non-ferrous metals
- Good demulsifying behaviour
- Excellent hydrolytic stability

PERFORMANCE DETAILS

At the relevant viscosities, the GB INDUSTRIAL MP OIL RANGE may be used where the following specifications are required:

DIN 51524, part 1 (HL)	Cincinnati Milacron P-38, P-55, P-54, P-57
AFNOR NF E 48-603	DIN 51517, part 2 (CL)

CHARACTERISTICS

TEST	UNIT	METHOD	TYPICAL PHYSICAL CHARACTERISTICS					
			22	32	46	68	100	150
ISO SAE Appearance	-	-	Light amber liquid	Light amber liquid	Light amber liquid	Light amber liquid	Light amber liquid	Amber liquid
Density @ 15°C	kg/m ³	IP 160	863	869	874	880	885	890
Kinematic Viscosity @ 40°C	cSt	IP 71	21.5	32.9	46	68	100	150
Kinematic Viscosity @ 100°C	cSt	IP 71	4.3	5.5	6.8	9	11	15
Viscosity Index	-	IP 226	103	104	100	102	96	98
Flash Point	°C	IP 36	194	210	218	224	230	240

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Q 06093
ISO 9001



EMS 72776
ISO 14001



OHS 88475
OHSAS 18001

GB INDUSTRIAL MP OIL RANGE

TEST	UNIT	METHOD	TYPICAL PHYSICAL CHARACTERISTICS				
			220	320	460	680	1000
ISO SAE Appearance	-	-	220 Amber liquid	320 - Amber liquid	460 - Dark amber liquid	680 - Dark amber liquid	1000 - Dark amber liquid
Density @ 15°C	kg/m ³	IP 160	894	897	900	915	932
Kinematic Viscosity @ 40°C	cSt	IP 71	220	320	460	680	950
Kinematic Viscosity @ 100°C	cSt	IP 71	19	24	31	37	44
Viscosity Index	-	IP 226	96	95	96	91	83
Flash Point	°C	IP 36	244	>280	>280	>280	>280

STORAGE AND HANDLING

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

HEALTH, SAFETY AND THE ENVIRONMENT

The GB INDUSTRIAL MP 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, 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.

All reasonable care has been taken to ensure that the information contained in this publication is accurate at the date of printing; such information is nevertheless liable to variation in the event of changes occurring subsequent to the date of printing. We advise all users that manufacturers are very precise when stating their requirements. The most up to date recommendations by manufacturers should always be followed in every respect.

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