



TECHNICAL DATA

GB INDUSTRIAL MP OIL RANGE

A range of industrial rust and oxidation inhibited machine 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. Particularly recommended for use in enclosed circulating systems, machine tool headstocks and vacuum pumps.

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:

Cincinnati Milacron P-38, P-55, P-54, P-57

DIN 51517, part 2 (CL)

DIN 51524, part 1 (HL)

Ariel Corporation Application Engineering has confirmed GB Industrial MP Oil 150 as being suitable for use in Ariel compressors.

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GB LUBRICANTS

GB INDUSTRIAL MP OIL RANGE

CHARACTERISTICS

TEST	UNIT	METHOD	TYPICAL PHYSICAL CHARACTERISTICS					
			10	22	32	46	68	100
ISO Appearance	-	-	Clear amber liquid	Clear amber liquid	Clear amber liquid	Clear amber liquid	Clear amber liquid	Clear Amber liquid
Density @ 15°C	kg/m ³	ASTM D4052	836	852	862	869	872	874
Kinematic Viscosity @ 40°C	cSt	ASTM D7042	10	21.5	32.9	46	68	100
Kinematic Viscosity @ 100°C	cSt	ASTM D7042	2.7	4.3	5.5	6.8	9	11
Viscosity Index	-	ASTM D2270	107	103	104	100	102	96
Flash Point, PMCC	°C	ASTM D93	140	194	210	218	224	230

TEST	UNIT	METHOD	TYPICAL PHYSICAL CHARACTERISTICS					
			150	220	320	460	680	1000
ISO Appearance	-	-	Amber liquid	Amber liquid	Amber liquid	Dark amber liquid	Dark amber liquid	Dark amber liquid
Density @ 15°C	kg/m ³	ASTM D4052	891	889	895	901	916	929
Kinematic Viscosity @ 40°C	cSt	ASTM D7042	150	220	320	460	680	950
Kinematic Viscosity @ 100°C	cSt	ASTM D7042	15	19	24	31	37	44
Viscosity Index	-	ASTM D2270	98	96	95	96	91	83
Flash Point, PMCC	°C	ASTM D93	230	240	244	245	250	260

STORAGE AND HANDLING

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

Further information on the GB INDUSTRIAL MP 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.