



## AIR TOOL OIL ISO 100

### DESCRIPTION

AT ISO 100 has been developed to meet special lubrication requirements of pneumatic tools, including percussion type pneumatic tools subjected to the most extreme conditions. They are designed to maintain high oil film strength and effectively lubricate even the most demanding requirements of pneumatic drill impact mechanisms as well as providing excellent mist lubrication of general purpose air tools.

### APPLICATION

Percussive pneumatic tools:

Suitable for a wide range of mobile percussive pneumatic tools such as those used in rock drilling, minning and construction activities (e.g. jack hammers, sinkers and other air operated tools).

Oil mist lubrication applications

Lubefusion Air Tool Oil can be used in applications requiring mist lubrication, such as air tool installations commonly found in manufacturing.

Other applications

May be used in certain gear and bearing lubrication systems subject to water ingress.

### PERFORMANCE

Meets or exceeds:

- ISO 6743-11 Type PBC

### ADVANTAGES

- Provides excellent lubricity and anti-wear properties to protect percussion tools under extreme conditions.
- Provides high levels of corrosion protection even under severe water wash conditions.
- Exhibits high oil film strength for excellent load carrying performance.
- Has excellent emulsibility enabling lubrication in a wet environment.
- Is compatible with seal materials and paints normally specified for use with mineral oils

### TYPICAL PHYSICAL CHARACTERISTICS

Property	Unit	Heading Here	Method
Viscosity @ 40°C	cSt	100	ISO 3104
Viscosity @ 100°C	cSt	11.5	ISO 3104
Viscosity Index	-	100	ISO 2909
Flash point	°C	240	ISO 2592(COC)
Pour Point	°C	-24	ISO 3016
Density @ 20°C	Kg/L	0.880	ISO 12185

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