

Product Data

ZIE GDO NO 22 Premium Neat Cutting oil

Applications:

Zie GDO No is heavy-duty oil blend recommended for deep hole drilling, boring, broaching, gun drilling, tapping, milling, threading and honing operations of cast iron, steel and high-speed steel alloys. These oils are also used in machine tool industries, vertical machining centers, conventional lathe machine, milling and radial drilling machine and in multi spindle drilling.

These oils were specially formulated to meet the higher performance levels required by some machine manufacturers and end-users. The high loading conditions encountered in the working of ferrous metals required the use of highly effective additives which have been incorporated in this formulation. Each grade in it comprises low viscosity base oils and select additives for required oiliness, extreme pressure performance and quick chip removal. Their low viscosity and the consequent higher thermal conductivity help maintain the tool edge temperatures within limits, thus ensuring better job finish and longer service life of tools.

Advantages:

Zie GDO 22 enabled with reduced friction and good anti-weld properties at the chip-tool interface, resulting in extended cutting tool life and good surface finishes on the machined parts. They enable excellent performance in the most difficult machining operations and also permit clear view of the work piece.

Typical characteristics:

Characteristics	Test Method	GDO 22
Appearance	Visual	Bright and clear
Kinematic viscosity, cSt at 40 °C	ASTM D 445	22
Flash point (COC), °C, min.	ASTM D 92	160
Type	-	Sulphurised
Chlorine	-	Yes

The above figures are typical figures with normal production tolerance.

Health & Safety

These oils are unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of industrial and personal hygiene are maintained.

All reasonable care has been taken to ensure that the information contained in this publication is accurate as at the date of printing. It should be noted however that the information above may be affected by changes occurring subsequent to the date of printing in the blend formulation or methods of application of any of the products referred to or in the requirements of any specification approval relating to any such products.