

MACHINE TOOL WAY OILS

(IPOL NONDRIP OILS)

Description:

Machine tools such as planners, shapers, grinders etc. have slideways and guides which require to be lubricated to prevent stick-slip motion and chatter.

The 'stick-slip' motion spoils the surface finish while chatter will affect the output of the machine.

Salient Features:

IPOL NON DRIP Oils are formulated from specially selected base oils and fortified with additives to make the correct **way lubricants**. IPOL Nondrip oils are also formulated to protect the machine parts from rust and corrosion.

Application:

IPOL NON DRIP Oils are excellent products for slide-way lubrication of planners, grinders, horizontal boring machine shapers, Jig bores etc.

- **IPOL NON-DRIP 22 & 32** are low viscosity machine tool way oils recommended for precision machines.
- **IPOL NON-DRIP 68** is recommended for new machines with close tolerances and has been **approved by RDSO**.
- **IPOL NON-DRIP 100/150** is a medium viscosity tool way lubricant recommended for general machinery.
- **IPOL NON-DRIP 220/320** is recommended for older machines which require a higher viscosity way-lubricant.

Product Data

Benefits:

- Have tackiness, anti-rust and anti-foam properties.
- Minimum stick-slip and chatter.
- Provide improved surface finish.
- Give optimum output.
- Reduces the wear and tear of the machine.

Typical Results: IPOL Nondrip Oils

Characteristics	Test Methods	Results						
		22	32	68	100	150	220	320
Appearance	Visual	Bright & Clear						
Sp. Gravity @ 30°C	IS:1448 P-32	0.854	0.867	0.869	0.875	0.884	0.895	0.910
Flash Point COC°C	ASTM D-92	160	160	172	190	190	190	210
Viscosity cSt @40°C	ASTM D-445	22	32	68	100	150	200	320

The above data is typical & does not constitute a specification. The information provided is not to be taken as a warranty or representation for which we assume no legal responsibility, nor as permission or recommendation to practice any attended location or otherwise. It is solely offered for your consideration, investigation and verification.