

GOLDENSTONE® MNP

Technical Data Sheet (TDS)

Slideway oils

Description and Application

GOLDENSTONE® MNP 68 and GOLDENSTONE® MNP 220 slideway oils are formulated from highly refined paraffinic/naphthenic type base oils possessing good inherent demulsibility and air release properties blended with a highly efficient additive package to ensure excellent lubricating, antiwear and adhesion properties and reliable R & O and corrosion protection.

GOLDENSTONE® MNP slideway oils are intended to lubricate horizontal and vertical slideways and plain bearings of metalworking machines.

Benefits

- Ensures excellent lubricating properties
- Very good inherent demulsibility and air release properties
- Corrosion protection

Specifications

	Goldenstone MNP
ISO 3448	68, 150, 220
ISO 6743/13	ISO-L-G
Cincinnati Milacron	P-47, P-50,
DIN 51524	Part 2-HLP
DIN 51517	Part 3-CLP

Typical Characteristics

Parameter	Test Method	Typical Value		
		VG 68	VG 1500	VG 220
Density at 20°C, g/ml	EN ISO 3675	0.878	0.882	0.892
Kinematic Viscosity at 40°C, mm ² /s	EN ISO 3104	68	1500	220
Viscosity Index	EN ISO 2909	100	96	96
Flash point COC, °C	EN ISO 2592	220	235	250
Pour point, °C	ISO 3016	-15	-12	-12
Copper strip corrosion, 3h, 100°C	EN ISO 2160	1b	1b	1b
Steel corrosion, St 45	BDS 5747	pass		
Water separability -time to 3 ml emulsion,min	ISO 6614	30	30	30

Important note: typical data values do not constitute a specification but are an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved.

Health, Safety and Handling

Based on current available information, this product is not expected to produce adverse effects on health when used for the intended application.

For more information about product MSDS, terms and conditions for storage and shelf life please visit:

www.goldenstoneoils.com