



PRISTA® REZINOL

PRISTA OIL

■ DESCRIPTION

PRISTA® REZINOL cutting oils are formulated from highly refined mineral base stocks blended with a highly efficient additive package to impart excellent lubricating properties and reliable wear and corrosion protection. These products are available in the following ISO 3448 viscosity grades: 5, 10, 15, 22, 32 & 46.

■ APPLICATION

PRISTA® REZINOL are neat cutting oils developed for direct use without dilution with water as lubricating and cooling media of the cutting tools in a wide variety of machining operations as follows:

PRISTA® REZINOL 5 is sulfur-free and is developed to lubricate and cool automatic turning lathes. This oil is also recommended for the following chip-removal machine operations: turning, drilling, broaching & honing of steels and non-ferrous metals.

PRISTA® REZINOL 10 and **PRISTA® REZINOL 15** are designated for lubrication and cooling of the cutting tools of equipment intended for deep drilling of metals and alloys.

PRISTA® REZINOL 22 is recommended for cooling of cutting tools of automatic lathes intended for turning of highly alloyed, heat resistant stainless steels and alloys.

PRISTA® REZINOL 32 and **PRISTA® REZINOL 46** are designated for cooling of the cutting tools used for cutting of gears of alloyed and unalloyed carbon steels. These oils could also be utilized in the machining of stainless and heat resistant steels.



PRISTA® REZINOL

PRISTA OIL

■ TECHNICAL DESIGNATION:

ISO-L-MHF -22* according to ISO 6743/7
(*The figure stands for the viscosity value at 40°C)

■ TYPICAL CHARACTERISTICS

№	PARAMETER	TEST METHOD	REZINOL					
			5	10	15	22	32	46
1.	Density at 20°C, g/cm ³	EN ISO 3675	0.861	0.866	0.871	0.872	0.868	0.880
2.	Kinematic viscosity at 40°C, mm ² /s	EN ISO 3104	5	11	15	22	32	46
3.	Flash point, COC, °C	EN ISO 2592	120	145	145	175	180	190
4.	Pour point, °C,	ISO 3016	-30	-15	-15	-12	-9	-9
5.	Copper strip corrosion, rating	EN ISO 2160	1b	4c	4c	4c	4c	4c
6.	Steel corrosion, St 45	BDS 5747-84	pass					
7..	Four Ball EP wear - Weld point, N	ASTM D 2783	2500	5000	6200	6200	6200	8000

METALWORKING OILS

Remark: The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved.