



MATRAX MULTIFUNCTIONAL TOOL LUBE

Description

Multi-purpose lubricating oil for machine tools.

Application

Developed from highly refined bases.

Zinc-free, with a number of additives that give it a high level of resistance against oxidation, as well as against thermal decomposition.

It is a fluid especially recommended for lubricating guides subject to extended speed and load ranges; hydraulic systems; industrial chains and gears.

Technical characteristics

Stock optimisation: its universal use reduces the number of references in the warehouse, ensuring a more efficient stock management.

Excellent properties for extreme pressure: providing high load-bearing capacity

Thermal stability: associated with low volatility and reduced carbon formation, it reduces the risk of fire and explosion

Corrosion resistance: additives that reduce chemical attacks on metal surfaces by organic acids resulting from exposure to contaminants that oxidise the oil, providing extended periods of use

High demulsibility capability: water separation additives prevent a reduction in oil viscosity and protect metal components from oxidation



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Technical information

Parameter	<u>32</u>	<u>46</u>	<u>68</u>	<u>150</u>	<u>220</u>	<u>320</u>
Kinematic viscosity @40°C (cSt) ASTM D 445	32	46	68	150	220	220
Kinematic viscosity @100°C (cSt) ASTM D 445	5,3	6,7	8,6	14,6	19,5	19,5
Viscosity index ASTM D 2270	95	95	95	95	100	100
Density a 15°C (g/cm ³) ASTM D 1298	0,864	0,872	0,873	0,889	0,891	0,891
Flash point (°C) ASTM D 92	210	220	230	250	265	265
Freezing point (°C) ASTM D 97	-27	-25	-20	-15	-12	-12

Approvals and Recommendations

DIN 51524 Part 2 · ISO 11158 HM · DIN 51517 Part 3 · Fives Cincinnati EP Gear Oil Lubricants · AGMA 9005-F16 EP · David Brown S1.53.101 · ISO 12925-1 CKC/CKD · U.S.Steel 224 · SEB 181 226

All packaging must be stored in covered facilities. In cases where outdoor storage is unavoidable, the drums should be placed horizontally to prevent the possible infiltration of water, as well as their deformation. Products should not be stored above 60°C, exposed to direct sunlight or low temperatures. We advise you to read the safety data sheet carefully for more information on its use and handling.