

PRODUCT DATA SHEET

LUBRIMIST ES-35 (Medium Viscosity Ester Base Neat cutting oil)

Lubrall Make **LUBRIMIST ES-35** is a specialized medium viscosity ester-based neat cutting oil, meticulously formulated to cater to the demanding requirements of gear hobbing and hard alloy machining. This product is particularly suitable for mist lubrication in circular saw cutting applications, ensuring efficient and precise operations.

Key features of LUBRIMIST ES-35:

- 1. Medium Viscosity:** The balanced viscosity of this cutting oil ensures optimal flow and coverage, providing effective lubrication without excessive build-up or dripping.
- 2. Ester Base:** The ester base offers excellent lubricating properties, enhancing the tool's life and improving the surface finish of the workpiece. Esters also contribute to the product's biodegradability and environmental friendliness.
- 3. Suitable for Mist Lubrication:** This product is ideal for mist lubrication systems, ensuring even distribution and reduced oil consumption, leading to a cleaner working environment and cost savings.
- 4. Good Load Carrying Capacity:** The formulation of LUBRIMIST ES-35 provides robust load carrying capacity, minimizing wear and tear on cutting tools and machinery, thus extending their operational lifespan.
- 5. Very Good Lubricity:** Enhanced lubricity ensures smooth cutting operations, reducing friction and heat generation, which in turn helps in achieving superior surface finishes and higher accuracy in the machined parts.

Lubrall Make LUBRIMIST ES-35 is the perfect choice for industries engaged in gear manufacturing, hard alloy machining, and circular saw cutting, offering reliable performance, efficiency, and environmental benefits.

Application- Circular Saw Cutting Operations.

Advantages:

Its high film strength and thermal stability help prevent built-up edge and welding, reducing the risk of tool wear and improving machining efficiency. Additionally, LUBRIMIST ES-35 offers excellent rust protection, ensuring that machined parts remain in top condition even in harsh environments. Its superior flushing properties help remove chips and debris from the cutting zone, further enhancing machining performance. Overall, Lubrall's LUBRIMIST ES-35 is a reliable and high-performance cutting oil that can help improve the efficiency and quality of your machining operations



Specification

1	Colour	Light Yellow
2	Density @29	0.930-960
3	Viscosity	38-44 Cst
4	Flash Point	>290 ° C
5	Corrosion Test	Pass
6	EP additive	Added
7	Easter	Present
8	Sulphar	Present

Packing: - 210 Liter drum.

NON-WARRANTY: The information in this bulletin is based on our experience and tests which we believe to be reliable, but offer no guarantee and accept no responsibility for operations not under our direct control.

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