

MOLYDUVAL

Supercut LV Spray



Heavy Duty Cutting Fluid Spray

A low viscosity, strong treated heavy duty cutting fluid for difficult metal working operations. Developed for using one top cutting fluid for a wide range of cutting and forming processes and a wide range of hard and soft steels. Is able to build up a lubricant film at high temperatures of low shear strength, that prevents a welding between workpiece and tool.

Characteristics

- low smoke formation
- good heat deduction
- low wear, long tool life
- even liquid available
- increases tool life
- strong tackiness caused by very long molecules
- low rejects

Applications

- for metalworking of steel and non-ferrous metals
- for drilling, milling, grinding
- for stamping and deridging of die casting workpieces
- for drilling, milling, grinding austenitic steels, titanium or tantalum alloys, inox, nickel-resist, Hastelloy, Colmonoy, Zirkaloy

Technical Datas

Color		Undefined
Viscosity Class	ISO-VG	46
Viscosity 40°C	mm ² /s	46
Viscosity 100°C	mm ² /s	8
Viscosity Index		125
Density 40°C	kg/m ³	950
Temperature Range	°C	-40 -> 270
Pour point	°C	-46

The indicated service temperatures are guide values depending on the lubricants composition and on the application. They may vary in case of special influences or ongoing use.

For further information, please see our website www.molyduval.com or consult your local representative.

The content of this manual is based on our current knowledge and experience in the development and manufacture of lubricants. Because of the complexity of tribological systems, the effect of our products depends on many parameters, which we cannot assess and which influence we cannot evaluate. For this reason general statements about the function of our products are not possible. The information in this manual, therefore, contains non-binding guidelines, which should give the technical trained reader information on possible applications. The information in this manual does not include property assurances or warranties or guarantees to the properties or suitability of this product in a specific application. Prior to its use it is absolutely necessary to test this product in the application to ensure that the product and its use is safe, economical and fully suitable. It should proceed with due diligence. We reserve the right to change the information in this manual at any time and without notice. All previous versions of this manual are no longer valid. Updating : 22.01.2024