



## ELPRIMO SOLUBLE CUTTING OIL

### PRODUCT DESCRIPTION:

ELPRIMO SOLUBLE CUTTING OIL is specifically formulated to provide a long service life and has low maintenance requirements. It is suitable for use with a wide range of materials and operations. With its optimal balance between cooling and lubrication, the oil aims to enhance tool life and improve surface finish. This can result in reduced tool regrinding and component rejects, ultimately improving overall efficiency and productivity.

### APPLICATION:

ELPRIMO SOLUBLE CUTTING OIL is a versatile lubricant that can be utilized in a wide range of machining processes. It is suitable for various operations such as boring, milling, tapping, drilling, reaming, and grinding on different types of materials including alloy and carbon steels, as well as non-ferrous metals. Whether it is used in individual machine tools or in centralized systems, ELPRIMO SOLUBLE CUTTING OIL can effectively enhance performance and ensure optimal lubrication for machining applications.

### FEATURES & BENEFITS:

ELPRIMO SOLUBLE CUTTING OIL Series is designed to improve machining productivity through its low maintenance and user-friendly features. With a long service life, this cutting oil helps minimize waste and ensures machine tool availability, particularly during critical periods. It is easy to mix and monitor, resulting in lower maintenance costs. Additionally, the oil offers excellent residual corrosion protection without leaving behind any undesirable residues. Its low foaming properties, even under high-pressure conditions, contribute to trouble-free operation in modern machining operations.

### TYPICAL PROPERTIES:

PARAMETERS	TEST METHOD	UNIT	ELPRIMO SOLUBLE CUTTING OIL
Grade			46
Kinematic Viscosity @ 104°F /40°C	ASTM D-7042	cSt	46
Corrosion	IP-125	-	0/1-1
Color	ASTM D-1500	-	3.5
SP. Gravity@15°C/60°F	ASTM D-4052	g/cm <sup>3</sup>	TBR
Emulsion Stability (440 ppm) - Oil	IP-263	ml	NIL
Emulsion Stability (440 ppm) - Cream	IP-263	ml	NIL
Rust Prevention Breakpoint	IP-287	-	20:1
pH of Emulsion (20:1)	ASTM D-1287	-	9.3

### DISCLAIMER:

The test data provided is not a final specification; rather, it serves as a guideline and may vary within acceptable production tolerances. Bravoil reserves the right to modify this test data. Any updates will supersede previous versions, so please refer to the most recent Technical Data Sheet (TDS).

### HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to MSDS available on our website [www.bravoil.ae](http://www.bravoil.ae)

### HEALTH & SAFETY:

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet [www.bravoil.ae](http://www.bravoil.ae)

### PROTECT THE ENVIRONMENT:

Take used oil to an authorized collection point. Comply with local regulation. Do not discharge into drains, soil or water.

### STORAGE:

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.