



## ELPRIMO QUENCHING OIL

**PRODUCT DESCRIPTION:**

ELPRIMO QUENCHING OIL is a specialized oil designed for the uniform hardening of carbon and alloy steels. With its highly refined paraffinic base, this oil offers low viscosity, allowing for quick oil circulation during heat transfer. This results in rapid quenching, reduced drag-out, and fast draining, leading to minimized oil losses during operation.

**APPLICATION:**

ELPRIMO QUENCHING OIL is suitable for various heat-treating applications that involve quenching or rapid cooling of carbon and alloy steels. It is particularly useful in heat treatment processes that aim for uniform hardening of steel with minimal distortion and coloration. Additionally, it is suitable for slow quenching operations at bath temperatures ranging from 30°C to 65°C, where achieving maximum hardness is not necessary.

**FEATURES & BENEFITS:**

Base oils of inherently high thermal and oxidation resistance in this oil provide maximum oil life. It maximizes production throughput. High thermal stability minimizes oil cracking and the formation of deposits on metal surfaces, limiting the need for post-quenching cleaning and stain removal operations.

**TYPICAL PROPERTIES:**

PARAMETERS	TEST METHOD	UNIT	ELPRIMO QUENCHING OIL
Kinematic Viscosity @ 104°F /40°C	ASTM D7042	cSt	40-50
Flash Point (min)	ASTM D92	°C	190
Pour Point	ASTM D97	°C	-9

**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.