



## SPO QUENCHING OIL

### PRODUCT DESCRIPTION:

SPO Quenching Oil is a highly refined paraffinic based quenching oil for the uniform hardening of carbon and alloy steels. The low viscosity of SPO Quenching Oil enables fast oil circulation during heat transfer, providing rapid quenching, and reduced drag-out and fast draining, minimizing oil losses during operation

### APPLICATION:

- Heat treating applications involving quenching or rapid cooling of carbon and alloy steels.
- Heat treatment processes where a uniform hardening of steel with minimum distortion and coloration is desired
- Slow quenching operations at bath temperatures between 30°C and 65°C where maximum hardness is not required

### FEATURES & BENEFITS:

Base oils of inherently high thermal and oxidation resistance in this oil provides 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	SPO Quenching Oil
ISO VG Grade			46
Kinematic Viscosity @ 104°F /40°C	ASTM D-7042	cSt	TBR
Viscosity Index	ASTM D-2270		95
Flash Point (min)	ASTM D-92	°C	>204
Pour Point	ASTM D-97	°C	-12
Color	ASTM D-1500	Visual	Pale

### DISCLAIMER:

The test data mentioned above is not a definitive specification but serves as an indication and may fluctuate within acceptable production tolerances. Venom retains the right to alter this test data. Any updated information will replace previous versions, so please consult the latest Technical Data Sheet (TDS).

### HEALTH & SAFETY, ENVIRONMENT:

Extended and repeated exposure to oil can lead to skin conditions. Please avoid contact. If you do come into contact with oil, wash the affected area immediately with soap and water. Do not dispose of used oil down drains or into the environment; instead, take it to an authorized used oil collection point.

### HEALTH & SAFETY:

This product is unlikely to pose significant health or safety risks when used properly in the recommended application and with good personal hygiene practices. For more information, please refer to the Safety Data Sheet (SDS), which is available upon request from your local sales office.

### PROTECT THE ENVIRONMENT:

Please take used oil to an authorized collection point and adhere to local regulations. Do not discharge it into drains, soil, or water.

### STORAGE:

We recommend storing all packages in a covered area. If outdoor storage is necessary, drums should be positioned horizontally to prevent water ingress and protect the markings. Products should never be stored above 60°C or exposed to direct sunlight or freezing temperatures.