



QUENCHING OILS (Heat Treating Oils for Steel)

QUENCHING OILS are specially designed for achieving the best treatment of steel in a wide range of quenching operations. **QUENCHING OILS** are made from 95 VI, solvent refined stocks and contain special additives to impart those properties most desired in modern quenching oil. **QUENCHING OILS** are highly stable throughout the hardening temperature range, and a high viscosity index assures a minimum viscosity change during the entire quenching operation.

QUENCHING OIL 500 is recommended when maximum hardness or high speed quenching of the metal is not critical.

QUENCHING OIL 600 is recommended when a fast, deep and uniform hardening is required in

steel with wide variations in grain size and alloy content. Their excellent oxidation resistance allows long bath life.

BENEFITS:

- HIGH FLASH POINT TO MINIMIZE FIRE HAZARDS
- GOOD OXIDATION RESISTANCE
- EXCELLENT WETTING ABILITY
- IMPROVED COOLING POWER

TYPICAL CHARACTERISTICS

Grade	500	600
Product Code	15500	15600
API Gravity (ASTM D-1298)	32.4	33.4
Viscosity (ASTM D-445)		
cSt @ 40°C	22.3	14.2
cSt @ 100°C	4.7	3.26
Viscosity Index (ASTM D-2270)	95	94
Pour Point (ASTM D-97) °F (°C)	-5 (-21)	-5 (-21)
Flash Point (ASTM D-92) °F (°C)	370 (188)	360 (182)
Color (ASTM D-1500)	1.5	3.5
GM Quenching Speed	21	11

The above data is subject to usual manufacturing variation. For more information and availability, call 1-800-442-LUBE.
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