

PRODUCT DATA SHEET

SERVO QUENCH 107 & 707



DESCRIPTION

Servoquench 107 and Servoquench 707 are low viscosity quenching oils of exceptionally high quality. These oils are suitable for heat treatment operations on metal components with demand-accelerated rate of quenching. These oils are blended from selected low sulphur base stocks having excellent oxidation stability, good thermal stability, high fluidity and low volatility.

PERFORMANCE BENEFITS

- Provide accelerated rate of quenching
- Ensure cleanliness of quenching oil systems
- Have low drag-out on components thus reduce oil consumption
- Have exceptionally long, oil service life due to excellent oxidation stability, good thermal stability as well as low volatility
- Retain quenching power over extended periods due to minimum oil thickening and sludge forming tendency
- Assist in obtaining uniform hardness of metal components

APPLICATION

Servoquench 107 is recommended for general purpose fast quenching applications. It is recommended for hardening of many components, in automobile and light engineering industries. This product is particularly used for hardening of bolts, set screws, crankshafts, axles camshafts, steering arms and brake drums.

Servoquench 707 is recommended for accelerated quenching of a variety of steel components in major industries. It is particularly used for quenching of high-speed steel tools, bolts, nuts and ball bearings. Servoquench 707 is also used for quenching of many components after carbonitriding.

PERFORMANCE STANDARDS

Servoquench 107 meets:

- IS : 2664-1980 (Reaffirmed 1993) for straight mineral type medium grade quenching oil, with minor deviations.

Servoquench 707 meets:

- IS: 2664-1980 (Reaffirmed 1993) for additive type quenching oil, with minor deviations

CHARACTERISTICS

GRADE	107	707
Kinematic Viscosity, cSt @ 40°C	20 – 24	20 – 24
Viscosity Index, Min.	95	95
Flash Point (COC), °C, Min.	175	175
Pour Point, °C, Max.	0	0
TAN, mg KOH/gm, Max	0.05	0.1

HEALTH & SAFETY

These oils are unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of industrial and personal hygiene are maintained.

For further information please contact our nearest office OR:

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