

PRODUCT DATA SHEET

SERVO QUENCH F1



DESCRIPTION

Quench F1 is a high viscosity ultra fast speed quenching oil with special performance additives. This exceptionally high quality oil is suitable for heat treatment operations on metal components with demand of high speed quenching. It is blended from select base stocks having excellent oxidation stability, good thermal stability and low volatility incurring almost nil evaporation loss. Product is in use in M&M plant at Mumbai.

APPLICATION

Servoquench F1 is a cold quenching oil recommended for fast quenching applications of special grade steel. It is recommended for hardening of components in automobile and light engineering industries. This product is particularly used for hardening of Bull gear, Bull shaft, Crown & pinion etc. where high speed quenching is required. Oil will perform best when used in oil baths where the temperature goes upto 80 deg C (max.).

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

CHARACTERISTICS

| GRADE | Servo Quench F1 |
|---------------------------------|-----------------|
| Kinematic Viscosity, cSt @ 40°C | 30 - 32 |
| Viscosity Index, Min. | 115 |
| Flash Point (COC), °C, Min. | 220 |
| Density @ 29.5 °C, gm/ml | 0.8663 |
| TAN, mg KOH/gm, Max | 0.10 |

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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May-20