

QUENCHING OIL FAST

Quenching Oil Fast was developed for quenching a wide range of steels from low alloy constructional steel to high alloy tool and die steels.

The cooling rate for **Quenching Oil Fast** has been designed to ensure maximum hardness with minimum distortion.

Quenching Oil Fast is suitable for use with most types of furnaces, and is particularly suited for bright quenching from vacuum furnaces.

Quenching Oil Fast is manufactured from premium grades of solvent refined paraffinic mineral oils which ensures that the quenchant has consistent quenching characteristics over a long service life.

TYPICAL CHARACTERISTICS

| Details | ASTM Method | Typical Results |
|----------------------------|-------------|-----------------|
| GM Quenchemeter @ 40°C | | 19 - 21 secs. |
| Flash Point (COC) | D-92 | 200°C (min) |
| Fire Point | | 210°C (min) |
| Viscosity @ 40°C | D-7042 | 26.0 – 30.0 cSt |
| Viscosity @ 100°C | D-7042 | 5.1 cSt |
| Viscosity Index | D-2270 | 106 (min) |
| Total Acid Number | D-664 | 0.01 mg KOH/g |
| Sulphur Content | D-2622 | 0.05% (max) |
| Specific Gravity @ 15/15°C | D-4052 | 0.870 |
| Carbon Residue Mass % | D-524 | 0.10 (max) |
| Specific Heat | | 0.50 |
| Colour ASTM | D6045 | 1.50 (max) |

Packs

**1000 litre
205 litre
20 litre**