

## 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**