



Technical Data Sheet

Tuxton TectQuench 5209

Description

Tuxton TectQuench 5209 is engineered specifically for the heat treatment of ferrous metals in a wide variety of quenching operations. **Tuxton TectQuench 5209** provides fast initial cooling rate and long service life, as well as providing exceptional uniform heat dissipation which allows for desirable metallurgical properties. **Tuxton TectQuench 5209** is a highly stable oil that exhibits excellent oxidation resistance and minimum viscosity change.

Performance Features

- Fast quench speed
- Controlled cooling of metals
- Less smoking, reduced fire hazard
- Excellent thermal stability to minimize sludge formation
- Minimal oil carryout
- Deeper, more uniform hardening
- High flash point
- No distortion and cracking of the steel
- A high and uniform rate of cooling in the initial stage of quenching

Properties

Appearance	Dark Brown
Viscosity, cSt at 40°C	16.0
Viscosity, SUS at 100°C	3.75
Flash Point, COC, ° F	345
Gravity, Specific, ASTM D 1298	.860
Quench Speed (seconds)	9 – 12
Weight Per Gallon (lb/gal @ 60°F)	7.17