



TEXACO QUENCHTEX[®]

A, B

CUSTOMER BENEFITS

Texaco Quenchtex oils deliver value through:

- **Controlled cooling of metals** — Combines the high initial quenching speed of water with slow final quenching speed of oil.
- **Safety** — High flash point and fire point minimize the possibility of fire problems.
- **Stable additive package** — Minimal loss of additives due to extended use.
- **Minimal oil carryout** — The light viscosity of this oil allows quick drainage from metal parts preventing carryout.
- **Excellent thermal stability** — Provides high heat resistance to oxidation and thickening.
- **Deeper, more uniform hardening** due to controlled cooling of metals.

FEATURES

Texaco Quenchtex oils are highly refined, paraffinic based quenching oils.

They provide controlled cooling of steel which is important in steel hardening. When quenching is started, Texaco Quenchtex oils provides a high initial cooling rate inducing maximum hardness, yet once the critical transformation temperature is passed, the ideal fluid cooling rate decreases to eliminate the possibility of stresses and metal distortion.

APPLICATIONS

Texaco Quenchtex A is recommended where maximum hardness is not a requirement.

Texaco Quenchtex B is recommended where rapid cooling as well as oxidation control is needed.

These oils resist the oxidizing effects of quenching and are less sensitive to the effects of agitation. They are highly heat resistant. No additive replacement is required and, in normal service, they retain the original viscosity indefinitely.

TYPICAL TEST DATA

	A	B
<i>Product Number</i>	220589	220565
<i>MSDS Number</i>	10305	10316
API Gravity	34.4	33.8
Viscosity, Kinematic cSt at 40°C cSt at 100°C	20.2 4.0	23.9 4.0
Viscosity, Saybolt SUS at 100°F SUS at 210°F	108 40.2	126 42.0
Viscosity Index	100	100
Flash Point, °C(°F)	224(435)	208(406)
Fire Point, °C(°F)	235(455)	220(428)
Pour Point, °C(°F)	-14(+7)	-12(+10)
Quench Time, s	20	16

Typical test data are average values only. Minor variations which do not affect product performance are to be expected in normal manufacturing.