

ChevronTexaco 70 Quenching Oil

Category : Fluid , Quenchant

Material Notes:

FeaturesChevron Quenching Oil 70 is a premium quality quenching oil. It is designed to provide controlled cooling of steel which is important in steel hardening. When quenching is started, Chevron Quenching Oil 70 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.

ApplicationsChevron Quenching Oil 70 is recommended for use when deep and uniform hardening is required in steels having small grain size or wide variation in grain size in steels with lean alloy content in parts having variable sections or odd shapes in steels having variable hardenability. This highly stable oil resists the oxidizing effects of quenching and is less sensitive to the effects of agitation. It is highly heat resistant. No additive replacement is required and, in normal service, the product retains the original viscosity indefinitely. Because of its ability to adhere to smooth or shiny surfaces, Chevron Quenching Oil 70 is also recommended for use when parts must retain a bright finish.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ChevronTexaco-70-Quenching-Oil.php

Physical Properties	Metric	English	Comments
API Gravity	34 °	34 °	
Viscosity Measurement	113	113	Viscosity Index; ASTM D2270
Saybolt Viscosity at 100°F	82 SUS	82 SUS	
Saybolt Viscosity at 210°F	38 SUS	38 SUS	
Kinematic Viscosity at 40°C (104°F)	14.9 cSt	14.9 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	3.5 cSt	3.5 cSt	ASTM D445

Thermal Properties	Metric	English	Comments
Pour Point	-15.0 °C	5.00 °F	ASTM D97
Flammability Test	226	226	Fire Point °C
Flash Point	185 °C	365 °F	ASTM D92

Descriptive Properties	Value	Comments
Quenching Time, s	10.5	

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