



Technical Product Information

TRI-PURPOSE OIL T-35

TRIPLE PURPOSE LUBRICANT-MACHINE OIL-HYDRAULIC OIL-CUTTING OIL



Product Description: TRI-PURPOSE OIL T-35 is a superior tri-purpose, transparent, non-corrosive, light colored, anti-mist cutting oil fortified with a special chlorine extreme pressure additive and lubricity additive. The tri-purpose features of this oil allows its use as a cutting oil, hydraulic oil and machine oil in automatic screw machines. This eliminates the intermingling of cutting oil with the machine oils and hydraulic oils as the result of leakage from one system to another. The contamination of machine oil and hydraulic oil by active corrosive cutting oils can have serious consequences in automatic screw machines. This can best be avoided by using one oil for all three applications.

Features:

- Triple purpose - reduced inventory.
- Economical.
- Anti-mist/transparent - good visibility of work piece.
- Eliminates contamination problem between machine oil and cutting oil.
- Non-corrosive to work or machine parts
- Non-staining.
- Good work piece surface finish.
- High lubricity for long tool life.

Typical Uses:

- Used as cutting oil, machine oil and hydraulic oil in automatic screw machines.
- Well suited for machining non-ferrous metals such as brass, bronze, copper, aluminum and magnesium.
- Used in machining steel and its alloys where machining requirements range from light to moderately severe (60-100 machinability).
- Lubricity additive makes product an ideal way lubricant.
- Anti-mist allows use of product in high speed cutting operations.

Typical Specifications:

GRADE, ISO	32
Gravity °API	29.5
Flash Point, °F.	395
Fire Point, °F.	430
Pour Point, °F.	10
Viscosity:	
SUS @ 100° F.	165
SUS @ 210° F.	44.4
cSt. @ 40°C.	32
cSt@100°C.	5.4
Viscosity Index	103
Color, D-1500	1.0
Chlorine, Wt. %	2.3

VALUES SHOWN HERE ARE TYPICAL AND MAY VARY