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242 POPLAR STREET • P.O. BOX 8053 • TOLEDO, OH 43605 • (419) 691-3571 • FAX (419) 691-1928
5091 WEST 164TH STREET • CLEVELAND, OHIO 44142 • (216) 265-0666 • FAX (216) 265-0667
1-800-882-1992 (OHIO TOLL FREE) 1-855-691-0621 (MICHIGAN TOLL FREE)
www.tomlinequip.com

TOMLIN GOLD - 10

SYNTHETIC ROTARY COOLANT

DESCRIPTION

TOMLIN **GOLD-10** is an ISO 46 Oxidation resistant lubricant, utilizing a blend of complex polyol esters in combination with a unique additive system. It is designed to provide long-term lubrication at high temperature with minimal deposit formation.

ADVANTAGES

- Good compatibility with compressor systems components, other lubricants and painting operations.
- Lower oil consumption
- Excellent Lubricity
- Outstanding heat transfer to enhance performance as a compressor coolant.

APPLICATIONS

- Oil flooded rotary screw compressors
- Oil flooded rotary vane compressors
- Oil flooded rotary screw/vane vacuum pumps
- TOMLIN **GOLD-10** may also be considered for other applications requiring an oxidation resistant lubricant.

FEATURES

TOMLIN **GOLD-10** coolant offers a full 10,000 hours, or two years, operating life, whichever comes first.

Compressor lubricant and equipment life can be adversely affected by outside factors such as gross contamination from cooling systems, acidic vapors, or non-lubricant related mechanical failures. For this reason, users of TOMLIN **GOLD-10** are offered a no charge oil analysis program which will detect and correct potential problems with equipment before they become serious.

Nominal operating range is -30°C to 230°C.

SALES SPECIFICATIONS

Property	Test Method	Min	Max	Typical*
Viscosity @ 40°C, cSt	D445	40.0	48.0	43.7
100°C, cSt		7.0	8.0	7.8
Pour Point, °C	D97	-	-50	<-55
Flash Point, °C	D92	240	-	248
Specific Gravity, 15.6°C	D1298	0.945	0.965	0.955

ADDITIONAL INFORMATION

Property	Test Method	Typical Results
Autoignition Temperature, °C	E659	405
Conradson Carbon Residue, %	D189	0.02
Evaporation, 22 hrs @ 99°C	D972	<1.0
Copper Strip Corrosion, 3 hrs @ 100°C	D130	1b
Demulsibility @ 54°C ml - oil/water/ emulsion (minutes)	D1401	41/39/0 (10)
Four Ball Wear, 1800 rpm, 130 F, 40 kg	D4172	0.46

*Values for typical results are for information only and can vary; not specifications.

Seals, paints and plastics:

COMPATIBILITY

Recommended	Not Recommended
Viton	Neoprene
High Nitrile Buna N	SBR Rubber
Teflon	Low Nitrile Buna N
Epoxy Paint	Acrylic Paint
Oil-resistant Alkyd	Lacquer
Nylon	Polystyrene
Delrin	PVC
Celcon	ABS
PBT	