TRIPTON® TURBINE FLUIDS

DESCRIPTION:

TRIPTON® ISO Turbine Fluids are quality Turbine fluids formulated from base stocks incorporated with selected additives designed for high pressure, heavily loaded Turbine systems.

FEATURES/BENEFITS:

TRIPTON® ISO Turbine Fluids are efficient anti-wear oils, fully inhibited with anti-oxidation, anti-corrosion, anti-rust and anti-foam additives. Superior anti-rust characteristics protect pump lines and controls against rust and corrosion. They exhibit excellent demulsification properties even above moderate temperature levels, still maintaining the ability to reject water.

APPLICATIONS

TRIPTON® ISO Turbine Fluids are recommended where higher pressures and increased speeds demand oils with added anti-wear protection. In the proper grade, these fluids may be used in circulation, splash bath and ringed oil systems supplying bearings and gears, as well as turbine systems.

Physical and Chemical Properties

CODE		TRL320681	TRL30781	TRL320881	TRL320981	TRL321081	TRL321181
Property	**ASTM's**	**Values**	**Values**	**Values**	**Values**	**Values**	**Values**
ISO grade	-	32	46	68	100	150	220
Density @15 °C/ g/mL	D1298	> 0.840	> 0.840	> 0.870	> 0.870	> 0.870	> 0.870
Viscosity @ 40 °C; cSt	D445	32	46	68	100	150	220
Viscosity@100 °C; cSt	D445	> 5.31	> 6.67	> 8.57	> 11.1	> 14.6	> 18.8
Viscosity Index/ mini.	D2270	95	95	95	95	95	95
Pour Point °C	D97	< -20	< - 15	< -12	< -12	< -12	< -9.0
Flash Point (COC) °C	D92	> 180	> 190	> 200	> 220	> 225	> 230
TAN mg KOH/g	D974	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Foam Tendency (seqs. I, II, III)	D892	50/0/50 0/0/0	50/0/50 0/0/0	50/0/50 0/0/0	50/0/50 0/0/0	50/0/50 0/0/0	50/0/50 0/0/0
Air Release @ 50 °C / min	D3427	< 5	< 5	< 10	< 17	< 25	< 35
Demulsibility time 40/3/37 /min /max	D2711	< 25 @ 54 °C	< 25 @ 54 °C	< 25 @ 54 °C	< 50 @ 82 °C	< 50 @ 82 °C	< 50 @ 82 °C
Cu Strip Corrosion; 3h @100°C	D130	1	1	1	1	1	1

The above values may vary within commercially accepted tolerances.

Packing:

The products are available in the following:

Code	TRL32nn81-01	TRL32nn81-02
Pack (L)	200 L	20 L

Expiration date: *The recommended shelf life for these oils is typically 5 years from manufacturing date when stored properly in the original sealed containers.*

HANDLING AND STORAGE

Precautions for safe handling: Keep away from sources of ignition. No naked lights. No smoking. Do no eat, drink or smoke when using this product. Wash hands and other exposed areas with soap and water before leaving work. **Specific end use(s)**: Use only as turbine, thermal and cooling oil.	**Storage**: All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

Health, Safety & Environment

Health and Safety

TRIPTON® Products are no any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.

Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

Protect the Environment: Take used oil to an authorized collection point. Do not discharge into drains, soil or water.