

TRIPTON IINDUSTRIAL GEAR Oils

DESCRIPTION:

TRIPTON IINDUSTRIAL GEAR Oils are available in ISO viscosity grades 32, 46, 68, 100, 150, 220, 320, 460, and 680 are made from high quality base oils and premium additives to provide excellent load carrying ability, extreme pressure (EP) properties, wear resistance, oxidation stability, anti-rust, anti-corrosion and anti-foam properties.

FEATURES/BENEFITS:

TRIPTON IINDUSTRIAL GEAR Oils are the highest performance level, multi-purpose type hypoid, spiral or bevel gear lubricants for the most severe service conditions light and heavy equipment. These lubricants contain sulfur and phosphorus additive materials, but no zinc, in compliance with most manufacturers' requirements for industrial gearboxes.

APPLICATIONS

TRIPTON IINDUSTRIAL GEAR Oils are recommended for all industrial gearboxes and other heavy equipment gears requiring American gear manufactures association (AGMA) EP lubricants.

Physical and Chemical Properties

Property	ASTM Methods	Values	Values	Values	Values
ISO Viscosity Grade	D2432	32	46	68	100
Density @ 15 °C/ CC/g	D1298	> 0.840	> 0.840	> 0.870	> 0.870
Viscosity @ 40 °C ; cSt	D445	32	46	68	100
Viscosity @ 100 °C ; cSt	D445	5.24-6.83	6.56-7.45	8.38-9.79	10.8-12.9
Viscosity Index	D2270	90-125	90-125	90-125	90-125
Pour Point °C; max	D97	-15	-13	-15	-15
Flash Point (COC) °C	D92	> 210	> 210	> 220	> 235
TAN mg KOH/g / max	D974	1.0	1.0	1.0	1.0
Foam Tendency (sequences I, II, III)	D892	<100/100/100 10/10/10	<100/100/100 10/10/10	<100/100/100 10/10/10	<100/100/100 10/10/10
Cu Strip Corrosion; 3h @ 100 °C	D130	1b	1b	1b	1b
4Ball (Welding load) Kg	D2783	> 100	> 100	> 100	> 100

The above values may vary within commercially accepted tolerances.



Physical and Chemical Properties

Property	ASTM Methods	Values	Values	Values	Values
ISO Viscosity Grade	D2432	150	220	320	680
Density @ 15 °C/ CC/g	D1298	> 0.870	> 0.870	> 0.870	> 0.870
Viscosity @ 40 °C ; cSt	D445	150	220	320	680
Viscosity @ 100 °C ; cSt	D445	14.3-17.3	18.2-22.6	23.2-29.4	37.5-49.5
Viscosity Index	D2270	90-125	90-125	90-125	90-125
Pour Point °C; max	D97	-9.0	-9.0	-6.0	-6.0
Flash Point (COC) °C	D92	> 245	> 245	> 245	> 275
TAN mg KOH/g / max	D974	1.0	1.0	1.0	1.0
Foam Tendency (seqs. I, II, III)	D892	<100/100/100 10/10/10	<100/100/100 10/10/10	<100/100/100 10/10/10	<100/100/100 10/10/10
Cu Strip Corrosion; 3h @ 100 °C	D130	1b	1b	1b	1b
4Ball (Welding load) Kg	D2783	> 100	> 100	> 100	> 100

The above values may vary within commercially accepted tolerances.

