



**SST-ECI T-GEAR AP EP GEAR OILS 150/220/320/460/680/1000/1500  
( Omala, Omala S4 We, Tivela S )**

T-GEAR AP EP are premium extreme pressure industrial gear oils containing anti-oxidation, anti-corrosion, anti-wear and anti-foam inhibitors. These oils meet the performance requirements of ISO 12925-1:1996 Category CKD, AISE 224, ANSI/AGMA 9005-E02, DIN 51517 Part 3, Cincinnati Lamb P-59 series, Textron David Brown S1.53 101 and pass FZG 12th stage test, etc.

**BENEFITS**

- Superior load-carrying EP capability
- Good thermal and oxidation stability
- Excellent anti-rust and anti-corrosion properties
- Outstanding protection against wear and shock
- Prolongs gear equipment life
- Reduce deposit and maintain system cleanliness
- Extended oil drain interval
- Reduce downtime 200% and more
- Extends the life of engine parts up to 300% (conditional to the physical status)
- Reduce noise 3db~9db (conditional to system condition)
- Improves efficiency in terms of usable output energy

**APPLICATION**

T-GEAR AP EP are recommended for all types of industrial gear both enclosed and open. Also suitable for lubrication of systems containing worm gears, bearings, sliding parts, etc.

**TYPICAL SPECIFICATION**

SAE Grade		150	220	320	460	680	1000	1500
Kinematic Viscosity,								
@ 40°C, cSt	ASTM D445	150	220	320	460	680	1000	1500
@ 100°C, cSt	ASTM D445	14.8	19	24	30	38	44	61.2
Viscosity Index	ASTM D2270	95	95	95	95	90	90	90
Flash Point (COC), °C	ASTM D92	240	245	247	250	250	252	255
Pour Point, °C	ASTM D97	-10	-9	-9	-9	-6	-3	-3
Copper Corrosion	ASTM D130	1B	1B	1B	1B	1B	1B	1B
Timken OK Loads lbs	ASTM D2782							

Whilst these characteristics are typical at current production, it may vary in the future subject to Steel Shield's final production specification.

IMPORTANT Reminder: In case of an oil change, we recommend the system be flushed for precaution of any possible cross effects between the new and the old oils of different make, and to maximize the performance and the lifetime of the new oil.