

## WT INDUSTRIAL GEAR OIL – EP

### DESCRIPTION:

WT Industrial Gear Oil EP is a high-performance, multipurpose mineral oil-based gear oil designed for many types of industrial gear lubrication services where loads and shock loadings are high.

### APPLICATION:

Recommended for industrial enclosed gearing where an AGMA extreme pressure lubricant is specified. It is designed for use in industrial gear boxes including in crushers, hoists, conveyors, winches, machine tools and lathes. It can also be used in chain drives, sprockets, plain and anti-friction bearings and slide guides.

### FEATURES & BENEFITS:

- High thermal stability EP system helps maintain clean gear and bearing surfaces
- Effective EP system forms a protective film in areas of metal-to-metal contact, minimizing wear rates and maintaining efficient transfer of power
- Effective oxidation inhibitors and copper passivator minimize oil oxidation, limiting viscosity increase and promoting long drain intervals

### PERFORMANCE LEVELS / MEETS OR EXCEEDS:

- AGMA EP 9005-E02
- U.S. Steel 224 Specification (ISO 220, 320, 460, 680)
- DIN 51517-3 (CLP)
- FLENDER
- MAG Cincinnati, Cincinnati Machine P-63 (ISO 68), P-76 (ISO 100), P-77 (ISO 150), P-74 (ISO 220), P-59 (ISO 320), P-35 (ISO 460), P-78 (ISO 1000)

### TYPICAL PERFORMANCE:

PARAMETERS	ASTM	UNIT	WT OIL IGO EP							
			68	100	150	220	320	460	680	1000
ISO VG			68	100	150	220	320	460	680	1000
AGMA Grade			2 EP	3 EP	4 EP	5 EP	6 EP	7 EP	8 EP	8 EP
API Gravity	-	-	31.0	30.6	29.7	28.4	27.3	26.3	26.0	25.7
Kinematic Viscosity @104°F /40°C	D-7042	cSt	68.1	107.0	153.4	216.9	319.1	452.2	665.6	1000
Kinematic Viscosity @212°F /100°C	D-7042	cSt	8.7	11.8	14.8	18.5	23.7	29.9	36	46
Viscosity Index	D-2270	-	99	98	96	95	93	92	100	110
Flash Point (min)	D-92	°C	230	242	248	252	260	280	280	280
Pour Point (max)	D-97	°C	-27	-27	-21	-18	-18	-18	-12	-12
Timken OK Load	-	lb	65	65	65	65	65	65	65	65
FZG Pass Stage	D-5182	-	12	12	12	12	12	12	>12	>12