

## WT INDUSTRIAL GEAR OIL – HD

### DESCRIPTION:

WT Industrial Gear Oil HD is a synthetic PAO based gear oil designed to provide outstanding protection in industrial gear systems. It contains an advanced additive system designed to provide excellent protection against scuffing as well as a high level of resistance against micro pitting fatigue. It is designed for use in a wide range of applications, including: reduction gearboxes, direct drives, angle drives, chain drives, gear couplings, hoist/winch gearboxes, screw feeder gearboxes, travel gearboxes, swing gearboxes, turret heads, work heads, centralized circulation systems.

### APPLICATION:

Typical applications include: modern, highly loaded gearboxes used in the paper, steel, oil, textile, lumber and cement industries where gear protection and optimum oil life are required.

### FEATURES & BENEFITS:

- Superb protection from micro pitting fatigue wear as well as high resistance to traditional scuffing wear
- Excellent resistance to degradation at high temperatures
- High viscosity index
- Excellent resistance to rust and corrosion
- Excellent shear stability
- Excellent seal compatibility

### PERFORMANCE LEVELS / MEETS OR EXCEEDS:

- US STEEL 224
- AGMA 250.04
- DAVID BROWN TABLE E 2E-9E

### TYPICAL PERFORMANCE:

PARAMETERS	ASTM	UNIT	WT OIL IGO HD							
			68	100	150	220	320	460	680	1000
ISO VG			68	100	150	220	320	460	680	1000
Kinematic Viscosity @104°F /40°C	D-7042	cSt	67.50	99.50	150	220	320	460	680	1000
Kinematic Viscosity @212°F /100°C	D-7042	cSt	10.42	14.18	22.2	30.4	40.6	54.1	75.5	99.4
Viscosity Index	D-2270	-	141	145	176	180	181	184	192	192
Flash Point (min)	D-92	°C	220	230	233	233	233	234	234	234
Pour Point (max)	D-97	°C	-45	-45	-45	-39	-33	-27	-27	-24
4 Ball EP Test - Weld Load	D-2783	kgf	200	200	200	200	200	200	200	200
4 Ball EP Test - Load Wear Index	D-2783	kgf	51	51	51	51	51	51	51	51