



INFINOIL TITAN INDUSTRIAL GEAR OIL - MINERAL OIL BASED

Manufacturer: MICRATTO TECHNOLOGIES, MALAYSIA

Product Description:

INFINOIL TITAN gear lubricants are high performance, multipurpose mineral oil based lubricants designed for many types gear lubrication services where loads and shock landings are high.

Application:

Vector EP Gear oils are 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, plan 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 intervals.

Performance levels:

Meets and exceeds:

- AGMA EP 9005-E02
- DIN 51517-3 (CLP)
- MAS Cincinnati Machine P-63 (ISO 68), P-76 (ISO 100), P-77 (ISO 150), P-74 (ISO 20), P-59 (ISO 320), P-35 (ISO 460), P-78(ISO 1000)
- U.S. Steel 224 Specification (ISO 220, 320, 460, 680)
- FLENDER

Typical Properties:

PARAMETERS	TEST METHOD	UNIT	VECTOR EP							
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	ASTM D-7042	cSt	68.1	107.0	153.4	216.9	319.1	452.2	665.6	1000
Kinematic Viscosity @ 212°F /100°C	ASTM D-7042	cSt	8.7	11.8	14.8	18.5	23.7	29.9	36	46
Viscosity Index (min)	ASTM D-2270	-	99	98	96	95	93	92	87	87
Flash Point (min)	ASTM D-92	°C	230	242	248	252	260	280	280	280
Pour Point (max)	ASTM D-97	°C	-30	-30	-27	-21	-18	-15	-12	-12
Timken OK Load	-	lb	65	65	65	65	65	65	65	65
FZG Pass Stage	ASTM D-5182	-	12	12	12	12	12	12	>12	>12

Health And Safety, Environment:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used in to drains or the environments. Dispose to and authorized used oil collection point.