

TODA Industrial Gear

Product Descriptions

TODA Industrial Gear is a high-quality industrial lubrication oil. This oil helps preventing reactions with oxygen at high temperatures without disperse quickly. It is excellent protection against wear, tear, and corrosion of gears and bearings. It also prevents foam, rust, and separates from water quickly. It is suitable for all types of gears, bearings, and industrial gears that need to cope with high pressure.

Quality Attributes

- Superior bearing protection
- Excellent anti-foam protection
- Excellent rust and corrosion protection
- Outstanding demulsibility characteristics
- Resistance to oxidative sludge and varnish
- Protection from galling, scuffing and welding of gear teeth

Applications

- Industrial enclosed gearing where an AGMA extreme pressure lubricant is specified

Specifications

AISE 224 (U.S. Steel 224)

AGMA 9500-E02

David Brown S1.53.101

FAG FE-8

Typicals

SAE Grade Viscosity	68	100	150	220	320	460	680
Density @15 °C, kg/l	0.88	0.88	0.88	0.89	0.89	0.90	0.90
Viscosity @40 °C mm ² /s	68	100	150	220	320	460	680
Viscosity @100 °C mm ² /s	8.9	11.3	14.8	19.1	24.1	30.5	37.9
Viscosity Index, D2270	102	97	97	97	95	95	91
Pour Point, °C, D97	-27	-24	-24	-21	-18	-15	-12
Flash Point, °C, D92	225	225	240	245	245	245	260
Copper Strip Corrosion, D130	1b	1b	1b	1b	1b	1b	1b
David Brown &AGMA Designation	2EP	3EP	4EP	5EP	6EP	7EP	8EP

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Foam Test, D892, Tendency/Stability							
Sequence I	0/0	0/0	0/0	0/0	0/0	0/0	0/0
Sequence II	30/0	30/0	30/0	30/0	30/0	30/0	30/0
FZG Gear Test	>12	>12	>12	>12	>12	>12	>12
Rust Protection, D665	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Four-Ball E.P. Test, D2783							
Weld Load, kg	200	200	250	250	250	250	250
Load Wear Index, kgf	47	47	48	48	48	48	48
Timken Load, D2782, lb	65	65	65	65	65	65	65

Packing Size 18 liters, 200 liters

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