



ATLANTIC INDUSTRIAL GEAR OIL EP

EP - Industrial Gear Lubricant

DESCRIPTION

ATLANTIC INDUSTRIAL GEAR OIL EP series are extra high performance gear oils having outstanding extreme pressure characteristics and load-carrying properties, intended for use in all types of enclosed gear drives with circulation or splash lubrication systems specially formulated to meet the stress by providing extra protection for gears, bearings and seals.

APPLICATIONS

ATLANTIC INDUSTRIAL GEAR OIL EP series are used in a wide range of industrial and marine applications, especially spur, helical, bevel and worm gearing. Specific applications include:

- Industrial gearing for conveyers, agitators, dryers, extruders, fans, mixers, presses, pulpers, pumps (including oil well pumps), screens, extruders and other heavy-duty applications,
- Marine gearing including main propulsion, centrifuges, deck machinery such as winches, windlasses, cranes, turning gears, pumps, elevators and rudder carriers.
- Non-gear applications include shaft couplings, screws and heavily loaded plain and rolling contact bearings operating at slow speeds.

PERFORMANCE FEATURES AND BENEFITS

- Excellent resistance to oil oxidation and thermal degradation
- Improved bearing wear protection
- High resistance to sludge and deposit formation
- Wide range of applications
- Resistance to foaming and emulsion formation
- Reduced debris denting from generated wear particles
- Long equipment life & long oil life
- Enhanced gear wear protection from micro pitting
- Outstanding compatibility with a range of seal materials
- Optimized resistance to rust and corrosion of steel and corrosion of copper and soft metal alloys

RECOMMENDATIONS / SPECIFICATIONS

Meets or exceeds the requirements of: AGMA 9005-E02, DIN 51517-3, ISO 6743-6, ISO 12925-1, US Steel 224, David Brown S1.53.10.

TYPICAL TECHNICAL PROPERTIES

PRODUCT CODE	IL-25005-1	IL-25005-2	IL-25005-3	IL-25005-4	IL-25005-5	IL-25005-6	IL-25005-7
ISO Viscosity Grade	68	100	150	220	320	460	680
Density at 15°C, g/ml, ASTM D4052	0.88	0.88	0.89	0.89	0.90	0.90	0.91
AGMA Grade	2EP	3EP	4EP	5EP	6EP	7EP	8EP
Kinematic Viscosity at 40°C, mm ² /s, ASTM D445	68	100	150	220	320	460	680
Kinematic Viscosity at 100°C, mm ² /s, ASTM D445	8.8	11.2	14.7	19.0	24.1	30.6	39.2
Viscosity Index, ASTM D2270	101	97	97	97	97	96	90
Flash Point(COC), °C, ASTM D92	230	230	230	240	240	240	285
Pour Point, °C, ASTM D97	-27	-24	-24	-24	-24	-15	-9
Timken OK Load, ASTM D 2782, lb	65	65	65	65	65	65	65
Rust protection, ASTM D 665, Sea Water	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Copper Strip Corrosion, ASTM D 130, 3 hrs @ 100°C	1B	1B	1B	1B	1B	1B	1B
FZG Pass Stage, ASTM D5182	12	12	12	12	12	12	12

Note: These characteristics are typical of current production. While future production will conform to Atlantic's specification, variations in these characteristics may occur.

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* supersedes all previous versions

Packing: 18L, 20L, 25L, 200L, 205L, 208L, 210L