



ATLANTIC GEAR OIL EP

EP - Industrial Gear Lubricant

PRODUCT DATA

DESCRIPTION

ATLANTIC 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 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.

PRODUCT BENEFITS

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

RECOMMENDATIONS / SPECIFICATIONS

AGMA 9005-E02, DIN 51517-3: 2009-06, ISO 12925-1 Typ

TYPICAL TECHNICAL PROPERTIES							
ISO Viscosity Grade	68	100	150	220	320	460	680
Product code	12621IL	12622IL	12623IL	12624IL	12625IL	12626IL	12627IL
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						
Copper Strip Corrosion, ASTM D 130, 3 hrs @ 100°C	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.



Packing : 1 | 4 | 5 | 20 | 25 | 208L

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* supersedes all previous versions

Health and Safety: This lubricant, when used in accordance with our recommendations and for the application for which it is intended, does not constitute any special hazard. A safety data file conforming to the requirements of current EC legislation is available from your local trade consultant.