

ATLANTIC SYNTHETIC INDUSTRIAL GEAR OILS

Product Description:

Atlantic gear oil range of synthetic lubricants are based on polyalpha-olefin (PAO) fluids and sulphur/ phosphorus anti-wear additive technology providing outstanding thermal stability and good load carrying capacity. The Atlantic gear oil range has been formulated for use in most types of light to medium duty enclosed gear systems but should not be used for heavy or shock loaded systems. The Atlantic Synthetic Gear Oil range is also suitable for bearings and circulatory systems operating at high temperatures. Atlantic full synthetic gear oils are suitable for various applications where a lubricating oil is used under high temperatures, e.g. large, slow moving gears. The Atlantic Synthetic Gear Oil range have very low pour points and excellent viscosity and temperature characteristics, allowing their use in both low and high temperature applications. The Atlantic Synthetic Gear Oil range is fully compatible with nitrile, silicone and fluoropolymer seal materials. Available in ISO Viscosity Grades of 150, 220, 320, and 460.

Features and Benefits:

- Superior rust & corrosion protection
- Extreme pressure properties
- Thermal stability
- High Viscosity Index
- Excellent film strength
- Compatible with most seals and gaskets



Typical Data:

Test Description	Method	Units	Results			
ISO Viscosity Grade	-	-	150	220	320	460
Density @ 15°C	ASTM D 4052	kg/L	0.850	0.885	0.889	0.893
Viscosity, Kinematic @ 40°C	ASTM D 445	cSt	150	220	320	442
Viscosity, Kinematic @ 100°C	ASTM D 445	cSt	19.2	23.9	31.7	45
Viscosity Index	ASTM D 2270	-	146	135	138	157
Pour Point	ASTM D 97	°C	-35	-27	-24	-21
Flash Point	ASTM D 92	°C	235	240	245	255

Atlantic Lubricants Pty Ltd (ABN 67 088 335 059)

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PACK SIZE	SYN IGO 150 PRODUCT CODE	SYN IGO 220 PRODUCT CODE	SYN IGO 320 PRODUCT CODE	SYN IGO 460 PRODUCT CODE
20 Litre	IGS15002	IGS22002	IGS32002	IGS46002
205 Litre	IGS15004	IGS22004	IGS32004	IGS46004
1000 Litre	IGS15005	IGS22005	IGS32005	IGS46005

Specifications/ Performance Levels:

- **DIN:** 51517 Part 3
- **AGMA:** 9005-E02
- **ISO:** 12925-1CKC
- **David Brown:** Type E
- **US Steel:** 224



All recommendations for the use of our products, whether given by us in writing, verbally, or to be implied from the results of tests carried out by us, are based on the current state of our knowledge. Notwithstanding any such recommendations the Buyer shall remain responsible for satisfying himself that the products as supplied by us are suitable for his intended process or purpose. Since we cannot control the application, use or processing of the products, we cannot accept responsibility, therefore. The Buyer shall ensure that the intended use of the products will not infringe any third party's intellectual property rights. We warrant that our products are free from defects in accordance with and subject to our general conditions of supply.

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