



PRODUCT DATA SHEET

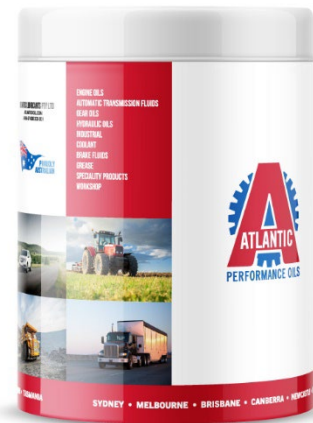
ATLANTIC SYNTHETIC INDUSTRIAL GEAR OILS

Product Description:

Atlantic gear oil range of synthetic lubricants are based on polyalpha-olefin (PAO) fluids and an advanced anti-wear additive providing outstanding thermal stability and good load carrying capacity. Its formulated for use in most types of medium to heavy duty enclosed gear systems and is suitable for the lubrication of bearings and other components in circulatory and splash lubricated systems. 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 and lightly loaded worm drives. 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

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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
- **ISO:** 12925-1CKC/ CKD
- **AGMA** 9005-E02
- **US Steel:** 224



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7 November 2023

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