



ATLANTIC TURBINE OILS - GX

Premium Performance Circulating Lubricants

DESCRIPTION

ATLANTIC Turbine Oils (GX) series of lubricants are premium performance circulating lubricants designed for applications including steam and hydro turbine sets and other systems where long lubricant service life is required. Formulated from highly refined base stocks and an additive system which provide an extremely high level of chemical and thermal stability, rapid and complete separation from water and a high resistance to emulsification.

APPLICATIONS

ATLANTIC Turbine Oils (GX) are designed primarily turbo machines gears & regulation systems for the lubrication of gas turbines, steam turbines, combined cycle turbines, gear boxes, regulation circuits, turbochargers with separate oil circuit & hydraulic turbines.

PERFORMANCE FEATURES AND BENEFITS

- High oxidation resistance, antifoam, air and water release performances
- Long drain intervals, simplified maintenance & storage
- Reinforced antiwear and EP capacities allowing the lubrication of the gear boxes driven by the turbine
- High antirust and anticorrosion performances
- Control system operation safety
- Resistance to sludging and varnishing
- High resistance to foaming and excellent air release
- Highly versatile - multiple applications

RECOMMENDATIONS / SPECIFICATIONS

Meets or exceeds the requirements of: ISO 6743-5 L TSA/TSE/TGA/TGB/TGE, DIN 51515 Part 1, JIS K 2213 Type 2, B S 489

TYPICAL TECHNICAL PROPERTIES

PRODUCT CODE	ATLANTIC TURBINE OILS (GX)			
	IL-25010-1	IL-25010-2	IL-25010-3	IL-25010-4
ISO Viscosity Grade	32	46	68	100
Density at 15°C, g/mL, ASTM D4052	0.870	0.877	0.884	0.886
Kinematic Viscosity at 40°C, mm²/s, ASTM D445	32	46	68	100
Kinematic Viscosity at 100°C, mm²/s, ASTM D445	5.4	6.8	8.7	11.4
Viscosity Index, ASTM D2270	102	101	99	100
Flash Point(COC), °C, ASTM D92	210	230	240	250
FZG Scuffing, D5182, Fail Stage	8	9	10	10
TOST, ASTM D 943, Hours to 2 NN	5000	4500	3500	2800
Pour Point, °C, ASTM D97	-9	-9	-9	-9
Demulsibility, min, NF T 60 125	5	5	< 10	< 10

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