



ATLANTIC TURBINE OILS

PRODUCT DATA

DESCRIPTION

ATLANTIC Turbine Oils (GX) series 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.

ATLANTIC Turbine Oils (GT) are high performance long life gas turbine oils for severe applications. These progressive products are based on high quality hydro-treated base stocks for exceptional thermal/oxidation resistance along with specially chosen additives engineered to provide the deposit control and "keep-clean" performance required by severe duty gas turbines as well as excellent water separability needed for steam turbine operation. The formulations also include a non-zinc antiwear system to meet the load carrying requirements of geared turbines.

APPLICATIONS

ATLANTIC Turbine Oils (GX) are designed primarily for 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.

ATLANTIC Turbine Oils (GT) are specially designed for the lubrication (bearings, gear boxes) and control circuit of steam and gas turbines, turbines submitted to high thermal stress and are suitable for turbine coupled gears lubrication.

PRODUCT FEATURES & BENEFITS

ATLANTIC Turbine Oils (GX)

- 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

ATLANTIC Turbine Oils (GT)

- Long oil drain intervals on high temperatures gas turbines
- Extra high thermal stability and oxidation resistances due to high performance base stocks
- High antiwear protection
- Simplified maintenance and storage- meets the specifications of both steam and gas turbines requirements of key builders
- Excellent demulsibility

RECOMMENDATIONS / SPECIFICATIONS

ATLANTIC Turbine Oils (GX): ISO 6743-5 L TSA/TSE/TGA/TGB/TGE, DIN 51515 Part 1, JIS K 2213 Type 2, B S 489

ATLANTIC Turbine Oils (GT): ISO 6743-5 TSA/TSE/TGA/TGB/TGE/TGSB/TGSE

TYPICAL TECHNICAL PROPERTIES						
ISO Viscosity Grade	ATLANTIC Turbine Oils (GX)				ATLANTIC Turbine Oils (GT)	
	32	46	68	100	32	46
Product code	12615IL	12616IL	12617IL	12618IL	12619IL	12620IL
Density at 15°C, g/ml, ASTM D4052	0.870	0.877	0.884	0.886	0.856	0.860
Kinematic Viscosity at 40°C, mm ² /s, ASTM D445	32	46	68	100	32	46
Kinematic Viscosity at 100°C, mm ² /s, ASTM D445	5.4	6.8	8.7	11.4	5.9	7.3
Viscosity Index, ASTM D2270	102	101	99	100	130	120
Flash Point(COC), °C, ASTM D92	210	230	240	250	224	230
Pour Point, °C, ASTM D97	-9	-9	-9	-9	-15	-15
FZG Scuffing, D5182, Fail Stage	8	9	10	10	9	9
TOST, ASTM D 943, Hours to 2 NN	5000	4500	3500	2800	10,000+	10,000+
Demulsibility, min, NF T 60 125	5	5	< 10	< 10	8	10

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