

BAHRAIN LUBRICANTS TURBINE OILS GX

DESCRIPTION

BAHRAIN LUBRICANTS Turbine Oil 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.

APPLICATIONS

BAHRAIN LUBRICANTS 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.

PRODUCT FEATURES & 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

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

TYPICAL TECHNICAL PROPERTIES

	BAHRAIN LUBRICANTS TURBINE OILS GX		
ISO Viscosity Grade	32	46	68
Product code	12615IL	12616IL	12617IL
Density at 15 ^o C, g/ml, ASTM D4052	0.85	0.86	0.86
Kinematic Viscosity at 40 ^o C, mm ² /s, ASTM D445	32	46	68
Kinematic Viscosity at 100 ^o C, mm ² /s, ASTM D445	5.4	6.8	8.7
Viscosity Index, ASTM D2270	102	101	99
Flash Point(COC), °C, ASTM D92	220	222	224
FZG Scuffing, D51354, Fail Stage	6	7	7
TOST, ASTM D 943, Hours to 2 NN	5000	3700	4500
Pour Point, °C, ASTM D97	-9	-9	-9
Water Demulsibility, min, ASTM D1401	15	15	20
Copper strip corrosion, 3 hrs @ 100°C, ASTM D130	1B	1B	1B
Rust Characteristics, Procedure A, ASTM D665	PASS	PASS	PASS
Rust Characteristics, Procedure B, ASTM D665	PASS	PASS	PASS

Note: These characteristics are typical of current production. While future production will conform to current specification, variations in these characteristics may occur.

ATL/PDS/IL/0011A-C/01*, 10.07.22, Page 1/1
 *supersedes all previous versions

Health and Safety: Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contact office, or via the Internet. This product should not be used for purposes other than its intended use. If disposing off used product, take care to protect the environment.