0. National Foreword

Tanzania Bureau of Standards (TBS) is a sole National Standards body, established by the Standards Act No. 2 of 2009. It is mandated, among other functions, with formulation of National Standards in all products.

This Draft Tanzania Standard is being prepared by Lubricant and Oil Products Technical Committee under the supervision of Chemical Divisional Standards Committee.

This Draft Tanzania Standard is the identical adoption of ISO 8068, Lubricants, industrial oils and related products (class L) — Family T (Turbines) — Specification for lubricating oils for turbines published by International Organization for Standardization (ISO).

Terminology and conventions

The text of the international standard is hereby being recommended for approval without deviation for publication as draft Tanzania standard.

Some terminology and certain conventions are not identical with those used as Tanzania standard; attention is drawn especially to the following;

The coma (,) has been used as a decimal marker (.) for metric dimension. In Tanzania, its current practice to use a full point on the baseline as decimal marker.

Wherever the words “International Standard” appears in the text, referring to this standard, they should be read as “Tanzania Standard”.

1. Scope

This International Standard specifies the minimum requirements for turbine lubricants, as delivered. It specifies the requirements for a wide variety of turbines for power generation, including steam turbines, gas turbines, combined-cycle turbines with a common lubrication system and hydraulic (water driven) turbines.

This International Standard does not specify the requirements for wind turbines, which are dealt with in ISO 12925-1[4].

Whilst power generation is the primary application for turbines, steam and gas turbines can also be used to drive rotating equipment, such as pumps and compressors. The lubrication systems of these driven loads can be common to that of the turbine.