ENOC VORTEX

PRODUCT DESCRIPTION

ENOC VORTEX Oils are a range of premium quality turbine oils, blended from highly refined turbine quality paraffinic base stocks. The excellent oxidation stability as measured by ASTM D-943 test can demonstrate the long operating life. In addition, **VORTEX oils** provide excellent protection against rust and corrosion, control of foam, air release properties and have good demulsibility in the presence of water .

APPLICATIONS

- All types of steam turbines used in power generation including associated gear boxes
- Rust and oxidation hydraulic systems
- Industrial gas turbines operating at moderate temperatures conditions
- General oil circulating systems, bearing lubrication where R&O oils are required
- Rotary and reciprocating compressors, centrifugal pumps and turbocharger bearings

PERFORMANCE STANDARDS and OEM RECOMMENDATIONS

DIN	51515 Part 1
BS	489 1983

The VORTEX oil viscosity grade should be used according to the equipment manufacturer's recommendations.

BENEFITS

VORTEX Oils provides:

- Suitability in a wide range of steam turbine power generation
- Good demulsibility characteristics to provide trouble-free operations in steam turbine sets
- Protection against rust and corrosion
- Effective control of foam and air release
- Excellent opportunities for lubricant rationalisation due to their wide range of applications

Technical Data*				
ISO Grades	**32**	**46**	**68**	**100**
Kinematic Viscosity				
mm^2/s @ 40^oC	31	45.0	67	97.0
mm^2/s @100^oC	5.5	6.8	8.6	10.8
Viscosity Index,	99	98	97	96
TOST Hrs to TAN = 2 mg KOH/g	>3000	>3000	>2000	>1500
Flash Point, COC, ^oC	210	230	250	252
Pour Point, ^0C	-9	-9	-9	-9

*The information prepared provides the typical properties that are considered as representative. Some variation which will not affect performance is possible

HEALTH AND SAFETY, ENVIRONMENT
The information on this product is available in the ENOC Material Safety Data Sheet (MSDS) as a guide to the precautions and safe handling of this product and its disposal. For further information we recommend you review the MSDS. Handled correctly there are no special precautions suggested.

Issued by ENOC International Sales, Dubai, U.A.E.
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