

SUPER DUTY TURBINE OIL 32

TECHNICAL DATA SHEET

V.01/2024

1027



A superior performance turbine oil designed for use in steam and gas turbine oil systems.

DESCRIPTION

SUPER DUTY TURBINE OIL 32 is a premium performance, anti-wear type turbine oil formulated from premium base oils, an ashless antiwear additive system, rust, oxidation and foam inhibitors. Designed primarily for use in industrial gas and steam turbines including those with reduction gear sets.

ADVANTAGES / CUSTOMER BENEFITS

Specifically designed for:

- Industrial steam turbines,
- Light and heavy-duty gas and combined-cycle turbines,
- Geared turbines with load requirements

Excellent thermal/oxidation stability

Excellent antiwear protection

Excellent demulsibility

APPROVALS / PERFORMANCE STANDARDS / SPECIFICATIONS

- DIN 51524 Part 1 (HL), DIN 51515 Part 1 (L-TD) & DIN 51515 Part 2 (L-TG)
- GEK 32568 F, 10941A, GEK 28143A & GEK 46506D
- AFNOR E-48600
- BS 489
- US Steel 120 & 126
- MIL-L-17572 D, -17331-B & -17331-G
- Cincinnati Machine P-38, P-45, P-54, P-55, P-57
- CEEB Standard 207001
- ABB HTGD 90 117 V0001R 117
- ABB Stal VTI 3200-3, 81 2108
- Westinghouse 21T0591 & 55125Z3
- Siemens AG TLV 9013 04/01
- Solar ES9-224U
- JIS K 2213
- Mitsubishi Heavy Industries E00-87182
- ASTM D 4304 (Type II)

ENVIRONMENT, HEALTH and SAFETY

Information is available on this product in the Safety Data Sheet (SDS). Customers are encouraged to review this information, follow precautions and comply with laws and regulations concerning product use and disposal. Ensure appropriate personal safety equipment is used when handling the product.

This product has a shelf life of 36 months when stored in a dry environment at ambient temperatures (10-30°C).

TYPICAL TECHNICAL CHARACTERISTICS

DESCRIPTION	METHOD	UNITS	RESULT
ISO/SAE Grade			32
Viscosity @ 40°C	ASTM D 2983	cSt	32
Viscosity @ 100°C	ASTM D 2983	cSt	6
Viscosity Index	ASTM D2270-77		123
Pour Point °C	ASTM D97	°C	-30.0
Flash Point °C	ASTM D93	°C	224
Density @ 20°C	ASTM D792	g/ml	0.87
Appearance	Visual		Clear & Bright
Colour	Visual		Pale Yellow

PACKAGING

5L / 20L / 210L / 1000L

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