



**PRISTA® Tp**

**PRISTA OIL**

## ■ DESCRIPTION

**PRISTA® Tp** turbine oils are formulated from highly refined lube base stocks blended with a highly efficient ash-free additive package providing high oxidation stability, reliable corrosion protection and good anti-wear properties.

## ■ BENEFITS

**PRISTA® Tp** turbine oils are developed to lubricate steam and water turbines, demanding lubricants of TSA category according to ISO 6743-5.

**PRISTA® Tp** turbine oils are also suitable for the lubrication of the associated with turbines equipment and assemblies and as well as the systems governing those machines.

Baths and circulating systems, oil-lubricated bearings of different types, from moderately to medium loaded assemblies and hydraulic systems under low to moderate pressures are among the other typical applications.

## ■ TECHNICAL DESIGNATION

ISO L-TSA according to ISO 6743/5

POWER GENERATION OILS

**PRISTA® Tp**

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## ■ SPECIFICATIONS

ISO 8068, type AR  
DIN 51515 Part 1 (L-TD)  
DIN 51524 - Part 1

## ■ TYPICAL CHARACTERISTICS

Nº	PARAMETER	TEST METHOD	TYPICAL VALUES		
			32	46	68
1.	Density at 20°C, g/ ml	EN ISO 3675	0.868	0.872	0.879
2.	Kinematic viscosity at 40°C, mm²/s	EN ISO 3104	32	46	68
3.	Viscosity index	ISO 2909	98	95	95
4.	Flash point, COC, °C	EN ISO 2592	220	230	240
5.	Flash point , PMCC, °C	EN ISO 2719	214	224	234
6.	Pour point, °C	ISO 3016	-15	-12	-9
7.	TAN, mg KOH/g	ISO 6618	0.06		
8.	Foaming, ml (Tendency/Stability) - Seq I, at 24 °C - Seq II, at 93.5 °C - Seq III, at 24 °C	ISO 6247	20/0 0/0 20/0		
9.	Rust Preventive Properties in the presence of distilled water	ISO 7120	pass		
10.	Copper strip corrosion, 3h, 100°C	ISO 2160	1a		
11.	Water Separability -time to 3 ml emulsion, min	ISO 6614	10	15	20
12.	Water separation ability, s	DIN 51589 Part 1	100	120	140
13.	Air release properties, 50°C, min	ISO 9120	4	6	8
14.	Oxidation stability test, h - time to acid number of 2.0 mg KOH/g - RBOT, min	ISO 4263 ASTM D 2272	2500 220	2300 210	2000 200

**Remark:** The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved.