



## Product Data

# Castrol Perfecto<sup>®</sup> T

Turbine Oils

### Description

Castrol Perfecto<sup>®</sup> T turbine oils are formulated from highly refined base stocks which exhibit excellent demulsibility, anti-foam and air release properties. Their oxidative stability and corrosion protection property are further enhanced by the inclusion of specially selected additives.

### Performance Benefits

- Excellent thermal and oxidative stability
- Extended lubricant life
- Compatible with all common paints, constructional metals and sealing materials
- Multipurpose application

### Recommended Applications

Castrol Perfecto<sup>®</sup> T turbine oils are recommended for a wide range of steam turbines and industrial gas turbines. The higher viscosity grades are also widely used for water turbine lubrication.

Castrol Perfecto<sup>®</sup> T turbine oils can be used as circulating oils for pumps, motors, compressors, hydraulic and mist lubrication systems.

They comply with or exceed the following standards/specifications:

British Standard BS 489: 1983  
National Power, PowerGen, Nuclear Electric 207001  
Deutsch Industrie Normen DIN 51515  
General Electric GEK 28143  
General Electric GEK 27070  
Mitsubishi Heavy Industries 769-45192  
ISO 8068, Type AR & B

They are approved by or meet the specifications of major turbine manufacturers such as:

GEC/Alstom Siemens KWU  
General Electric ABB  
Solar Gas Turbines European Gas Turbine  
Ingersol Rand Solar  
John Brown Rolls Royce  
Mitsubishi Heavy Industries Atlas Copco  
MAN Wier Pumps Ltd

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## Typical Characteristics

Castrol Perfecto®	T32	T46	T68	T100
Density @ 15°C	0.871	0.876	0.879	0.884
Kinematic Viscosity, cSt				
@ 40°C	32.0	46.0	68.0	100.0
@ 100°C	5.29	6.65	8.60	11.1
Viscosity Index	95	95	95	95
Closed Flash Point, °C	204	212	215	218
Pour Point, °C	-12	-12	-12	-9
Demulsification Number, secs	120	120	120	120
Neutralistion Number, mgKOH/g	<0.2	<0.2	<0.2	<0.2
Foaming Properties, ml				
Sequence 1	200/0	200/0	200/0	200/0
Sequence 2	50/0	50/0	50/0	50/0
Sequence 3	200/0	200/0	200/0	200/0

All reasonable care has been taken to ensure that the information contained in this publication is accurate as of the date of printing. However, such information may, nevertheless, be affected by changes in the blend formulation occurring subsequent to the date of printing. Material Safety Data Sheets are available for all Castrol Industrial North America Inc. products. The MSDS must be consulted for appropriate information regarding storage, safe handling and disposal of a product.

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