



## TURBINE R&O OIL 100

Black Bulls TURBINE R&O OIL premium quality turbine They also have excellent anti foam and air release characteristics which is important for the precision of the servo-control systems. It is blended with high quality base oils and Zinc Free additive technology for steam turbine system. It is providing excellent resistance to oxidation and chemical degradation. Black Bulls turbine R&O is exhibits outstanding water separability, resistance to emulsion formation and anti- foaming.

### Typical Properties:

PROPERTY	TEST METHOD	TYPICAL VALUES
<b>ISO Grade</b>		<b>100</b>
TOST Hrs to TAN = 2.0 mg		>2000
TAN KOH/g	ASTM D664	0.150
Viscosity, mm <sup>2</sup> /s @40 <sup>o</sup> C	ASTM D445	100.50
Viscosity, mm <sup>2</sup> /s @100 <sup>o</sup> C	ASTM D445	11.0
Viscosity Index	ASTM D2270	98
Flash Point, COC °C	ASTM D92	246
Pour Point, °C	ASTM D95	-12

### Applications:

- Turbine gear sets which do not require extreme pressure performance lubricants
- High pressure and high temperature steam turbines.

### Advantages:

- Low maintenance and downtime using special severely refined base oils giving long life oxidation resistance.
- Precise servo-control valve operation through control of formation of harmful deposits.
- Rationalization capability where gas and steam turbine units are combined.

