



أوبى لوب  
OBLUBE

## TECHNICAL DATA SHEET

### OBLUBE 609 CIRCULATING & TURBINE OIL

#### **Product Description:**

**OBLube 609** is a family of high quality products blended from premium base oils and an advanced additive package. It contains a high performance rust and oxidation inhibitor package to provide system rust protection and long oxidation life even under severe operating conditions. An anti-foam agent prevents the formation of harmful foam in equipment reservoirs.

#### **Benefits:**

- Corrosion and rust protection for components
- Oxidation stability for long service life
- Rapid setting of harmful water
- Rapid release of entrained air

#### **Application:**

**OBLube 609** are the highest quality lubricating oils for use in hydraulic and low pressure steam turbines, hydraulic systems which do not require an anti-wear oil, and enclosed circulating oil systems where very stable, long lasting oils are required.

#### **Performance Level:**

OBLube Turbine oil meets the requirements of Denison HF-1 and Cincinnati Milacron against their P-55 and P-54 specifications. It also meets the specification of DIN51524 part 1.

#### **Product Maintenance:**

Periodic monitoring of the oil in service is recommended to assure satisfactory performance of the equipment. The oil should be visually inspected by the operator at frequent intervals for contaminants and/or appearance changes.

#### **Physical Characteristics:**

OBLube 609 Circulating & Turbine Oil						
	Test Methods	Units	32	46	68	100
Appearance			Clear & Bright			
Density	ASTM D 4052	kg / l	0.86	0.86	0.87	0.88
Viscosity @ 40°C	ASTM D 445	cSt	32	45.1	69.2	98
Viscosity @ 100 deg C	ASTM D 445	cSt	5.39	6.70	8.8	11.1
Viscosity Index	ASTM D 2270		101	101	99.2	98
Pour Point	ASTM D 97	°C	-18	-17	-16	-15
Flash Point	ASTM D 92	°C	210	220	225	228
TOST, hours to TAN of 2.0	ASTM D 943	hours	2,000 +	2,000 +	2,000+	2,000+
Demulsibility	ASTM D 1401	O-W-E, ml	40-40-0	40-40-0	40-40-0	40-40-0
		minutes	15	15	15	15
Foaming Characteristics	ASTM D 892	Seq. 1, ml/ml	5/0	5/0	5/0	5/0
		Seq. 2, ml/ml	0/0	0/0	0/0	0/0
		Seq. 3, ml/ml	0/0	0/0	0/0	0/0

#### **Health and Safety:**

OBLUBE Lubricants are unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained. Use gloves which are impervious to oil and chemicals when handling used oils. Avoid skin contact. If lubricants come in contact with skin, wash immediately with soap and water.

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