



**Pure Power!® Extreme High Performance
LONG LIFE TURBINE OIL**

Pure Power! EHP Extreme High Performance Turbine Oil is recommended for use in industrial circulating systems where the highest quality rust and oxidation inhibited lubricant available is desired.

PRODUCT DESCRIPTION AND FEATURES

Pure Power! EHP Extreme High Performance Turbine Oil is an advanced technology lubricant, formulated with selected premium base stocks that have been carefully refined to insure exceptional performance and long service life. Special inhibitors enhance the product by providing improved resistance to break down caused by oxidation and the formation of deposits on critical machinery surfaces. This product also protects vital equipment parts from rust and corrosion both during operating service and when the equipment is idle. In addition, foam and air release properties are controlled by foam inhibitors and the low temperature capability is improved by a flow improver. In the ASTM D-943 "Turbine Oil Stability Test". Extreme High Performance Turbine Oil passes more than 10,000 hours indicating the ability to provide an extremely long service life.

Pure Power! EHP Extreme High Performance Turbine Oil is formulated to meet the following equipment manufacturers turbine oil specifications (in the appropriate viscosity grade):

Allis Chalmers Power System 1.3-0220, General Electric Steam Turbine GEK-46506C and Gas Turbine GEK-28143A, Solar ES 9-224, Westinghouse Steam Turbine 1L-1250-4710-B and Gas Turbine 1L-1250-5312, Mil-L-17672C, British Standard BS 849, German Standard DIN 51524 Part 1 and DIN 51515, AFNOR NFE 48-600 HL. The following industrial specifications are also targeted: AGMA R, R&O Gear Oils, US Steel 126, Cincinnati Milacron P-38, P-54, P-55 P57, P-62, Alcoa ML 523 570, 589, 601, 606, 625, 680, 682, 686, Haglund-Denison HF-

TYPICAL USES:

- ✓ Steam Turbines
- ✓ Gas Turbines
- ✓ Hydraulic Systems
- ✓ Industrial Gear Cases
- ✓ Heat Transfer Systems
- ✓ Airline Lubricators
- ✓ Oil Circulating Systems
- ✓ General Machinery Lubrication

FEATURES:

- Contains advanced high performance additive chemistry.
 - Long service life due to unique base oil and additives.
- Excellent corrosion protection in the presence of water.
 - Good hydrolytic stability when used in wet systems.
 - Superior thermal stability.
- Foam inhibited to prevent air-entrainment and excessive foam buildup in service.

NOTE: For other ISO Grades see R&O Industrial Oil.

Typical Inspections

Grade, ISO	ASTM Test	32	46	68
AGMA R & O Number		-	1	2
Gravity, °API	D-287	29.9	29.8	29.4
Specific @ 15.6°C		0.877	0.877	0.879
Viscosity:				
cSt @ 40°C	D-445	32.2	44.2	65.1
cSt @ 100°C	D-445	5.3	6.5	8.4
SSU @ 100°F	D-2161	166	228	339
SSU @ 210°F	D-2161	44.2	48.1	54.4
Viscosity Index	D-2270	97	97	97
Pour Point °C	D-97	-37	-21	-21
Pour Point °F		-35	-5	-5
Flash Point, °C	D92	206	212	224
Flash Point, °F		403	413	435
Rust Test				
Distilled Water	-----pass-----			
Salt Water	-----pass-----			
Copper corrosion: 3hrs @ 100°C	1-A	1-A	1-A	1-A

VALUES SHOWN HERE ARE TYPICAL AND MAY VARY.
Pure Power! Incorporated 15751 Chemical Lane

THIS PRODUCT CONTAINS ADVANCED HIGH PERFORMANCE ADDITIVE CHEMISTRY.
Huntington Beach, CA 92649 Phone: (800) 750-0827 Fax: (714) 894-6344

www.GoPurePower