

JICHUAN LONG LIFE TURBINE OIL

A PREMIUM LONG LIFE TURBINE OIL FOR USE IN INDUSTRIAL CIRCULATING SYSTEMS WHERE THE HIGHEST QUALITY RUST AND OXIDATION INHIBITED LUBRICANT AVAILABLE IS REQUIRED

PRODUCT DESCRIPTION:

JICHUAN LONG LIFE TURBINE OIL is formulated with selected premium base stocks carefully refined to insure exceptional performance and long service life. Special inhibitors enhance the product by providing improved resistance to break down due to oxidation and the formation of deposits. They also protect vital equipment parts from rust and corrosion during operating service and when the equipment is idle. In addition, foam and air release properties

are controlled by foam inhibitors and low temperature capability improved by a flow improver. In the ASTM-D943 "Turbine Oil Stability Test", JICHUAN LONG LIFE TURBINE OIL passes more than 10,000 hours indicating the ability to provide an extremely long service life.

JICHUAN LONG LIFE 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 and GEK-32566A, Solar ES9-224, 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 DIN51515 AFNOR NFE 48-600HL. The following industrial specifications are also targeted: AGMA R, R&O Gear Oils, US Steel 126, Cincinnati Milacron P-38, P-54, P-55, P-57, P-62, Alcoa ML523, 570, 589, 601, 606, 625, 680, 682, 686, Haglund-Denison HF-1.

TYPICAL USES:

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

Contains advanced high performance additive chemistry



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FEATURES:

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

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

TYPICAL INSPECTIONS

| GradeISO | ASTMTest | 32 | 46 | 68 |
|-------------------|----------------|-------|-------|-------|
| AGMANUMBER | - | - | 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 | 46 | 68 |
| cSt@100°C. | D-445 | 5.3 | 6.5 | 8.4 |
| SUS@100°F. | D-2161 | 166 | 228 | 339 |
| SUS@210°F. | D-2161 | 44.2 | 48.1 | 54.4 |
| VISCOSITYINDE X | D-2270 | 97 | 97 | 97 |
| POURPOINT,°C. | D-97 | -37 | -21 | -21 |
| POURPOINT°F. | -35 | -6 | -6 | |
| FLASHPOINT,°C | D92 | 206 | 212 | 224 |
| FLASHPOINT,°F. | 403 | 413 | 435 | |
| RUSTTEST | | | | |
| DISTILLEDWATER | -----PASS----- | | | |
| SALTWATER | -----PASS----- | | | |
| COPPERCORROSION | | | | |
| 3HRS@100°C. | | 1 | 1 | 1 |

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