

## DISCRIPTION

**TURBINE LIFE PLUS HVI** is a premium performance lubricant formulated with high quality synthetic base oils and advanced additive technology. It is designed to provide excellent oxidation stability, superior thermal resistance, and outstanding protection for modern steam, gas, and combined cycle turbines operating under severe conditions.

**TURBINE LIFE PLUS** is a high-performance turbine lubricant developed using advanced synthetic base oils with naturally high viscosity index and carefully selected additive systems. The formulation ensures excellent oxidation resistance, superior thermal stability, and long service life in demanding turbine applications.

This oil provides exceptional protection against rust, corrosion, and wear while maintaining excellent water separation and air release characteristics. The high viscosity index allows stable lubrication across a wide temperature range, ensuring reliable performance during both start-up and continuous operation.

## APPLICATION

**TURBINE LIFE PLUS** is recommended for use in

- Steam turbines
- Gas turbines
- Combined cycle turbines
- Industrial turbine systems requiring high performance lubricants
- Circulating lubrication systems
- Turbine bearings and auxiliary equipment
- Power generation turbines operating under severe temperature conditions

## BENEFITS

- Excellent oxidation and thermal stability for extended oil life
- High viscosity index for stable performance across wide temperature ranges
- Superior protection against rust and corrosion
- Excellent water separation properties
- Outstanding air release characteristics to minimize foam formation
- Helps maintain system cleanliness and reduces sludge and varnish formation
- Long service intervals and reduced maintenance costs
- Reliable lubrication for modern high-performance turbine systems

## PRODUCT DATA SHEET



### AVAILABILITY

ISO VG Grade 32, 46 and 68

**Packaging:** 1Q,1L,4Q, 4L,5Q, 5L, 18L, 20L, 25L, Drums, IBC.

### Specification

| Test Parameter    | Units              | Test Limits | Test Method  |
|-------------------|--------------------|-------------|--------------|
| ISO VG            |                    | 32          | -            |
| Appearance        | -                  | C&B         | Visual       |
| Density @ 15°C    | g/cm <sup>3</sup>  | 0.861       | ASTM D-4052  |
| Viscosity @ 40°C  | mm <sup>2</sup> /s | 28.8-35.2   | ASTM D-445   |
| Viscosity @ 100°C | mm <sup>2</sup> /s | 5.6         | ASTM D-445   |
| Viscosity Index   | -                  | 140         | ASTM D- 2270 |
| Flash Point(COC)  | °C                 | 220         | ASTM D-92    |
| Pour Point        | °C                 | -42         | ASTM D-97    |
| CODE              |                    | 805/1       |              |

**TURBINE LIFE PLUS**  
**ISO VG 32**  
**HVI-FULLY SYNTHETIC**