

# TÜRBIN VE SİRKÜLASYON YAĞI SERIES

High-Quality Turbine Oil

## Description

High quality turbine oil with long service life, produced with special additives and high qualified base oils.

## Applications

It can be successfully used in gas, vapor and hydraulic turbines, reciprocating air compressors, medium pressure hydraulic systems, vacuum pumps and roller and journal bearings.

## Benefits

- Maintains its viscosity at low temperatures and continues to flow. Likewise it provides efficient lubrication at elevated temperatures.
- Ensures efficient operation by preventing deposit formation.
- Prevents rust and wear by forming film layer on metallic surfaces.
- Prevents polishing of the turbine system bearings, due to its high resistance to oxidation and forming residue formed by oxidation and maintains its viscosity.
- Provides protection perfectly for bearings and gears due its excellent antiwear characteristics.
- Removes the water content from systems due to its high water separation characteristic.
- Protects turbines, gears and recirculated bearing lubrication systems against corrosive effects formed by ambient conditions.
- Prevents foaming due to its high air release characteristic.
- Prevents pressure surge pump during cold start due to its stable fluidity at low temperatures.
- Ensures wide range of application for corrosive environments like iron and steel, refinery, fertilizer and sugar processing industries.

## Performance

DIN 51515 (R+O), BS 489

## Typical Specifications\*

ISO Viscosity Grade		ISO VG					
		32	46	68	100	150	220
Density, @ 15 °C, kg/m <sup>3</sup>	ASTM D 4052	0,873	0,878	0,883	0,886	0,891	0,895
Flash Point, COC, °C	ASTM D 92	216	234	238	250	270	286
Viscosity, 40 °C, mm <sup>2</sup> /s	ASTM D 445	32	46	68	100	150	220
Viscosity, 100 °C, mm <sup>2</sup> /s		5,4	6,7	8,6	11,1	14,4	18,5
Viscosity Index	ASTM D 2270	101	98	97	95	93	93
Pour Point, °C	ASTM D 97	-21	-18	-18	-9	-6	-6

\* Values shown may differ between productions.

