TÜRBİN 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		22	32	46	68	100	150	220
Density, 15 °C, kg/liter	ASTM D4052	0,860	0,873	0,878	0,883	0,886	0,891	0,895
Flash Point, COC, °C	ASTM D92	190	216	234	238	250	270	286
Viscosity, 40 °C, mm²/s Viscosity, 100 °C, mm²/s	ASTM D445	22 4,50	32 5,40	46 6,70	68 8,60	100 11,10	150 14,40	220 18,50
Viscosity Index	ASTM D2270	100	101	98	97	95	93	93
Pour Point, °C	ASTM D97	-18	-21	-18	-18	-9	-6	-6

*** Values shown may differ between productions.**

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