



# TURBINOIL

REV.2 OF 03/2023

## LEVELS OF QUALITY

The lubricants of the series TURBINOIL comply with the following levels of quality:

- ISO 6743/5
- DIN 51515-1
- ISO-L-TSA, TGA, THA
- CEI 10-8

## DESCRIPTION

The series of TURBINOIL oils are recommended for the lubrication systems of steam and water turbines in all service and operating conditions.

It is also recommended for the lubrication of gas turbines, provided that the operating conditions are moderate and, however, only when the bearing seats are not subjected to high temperatures.

The EP features ensure a good oxidation stability, by providing a long service life both under thermal and mechanic high-load conditions.

Thanks to particular additives they ensure a good bearing protection and a low formation of sludges, so that the risk of a valve block is avoided.

The foaming resistance is excellent, as well as the fluidity at low temperatures is good.

### TYPICAL FEATURES\*

ISO VG	32	46	68	100
Density at 15°C.Kg./dm <sup>3</sup> ASTM D1298	0.872	0.877	0.880	0.895
Viscosity at 40°C.cSt ASTM D445	28.8 to 35.2	41.4 to 50.6	61.2 to 74.8	90 to 110
Viscosity at 100°C.cSt ASTM D445	5.3	7.0	8.7	10.9
Viscosity Index ASTM D2270	114	110	107	100
Flammability V.A.°C ASTM D92	216	230	236	250
Pour Point °C ASTM D97	-12	-12	-9	-9
Demulsifiability ASTM D 1401	Passed	Passed	Passed	Passed
Foaming ASTM D 892	Passed	Passed	Passed	Passed

\*The above mentioned values are indicative of production average values and are not an integral part of the specification.