

Synthetic Blend Turbine Oils

DS-Turbo 4-32, DS-Turbo 4-46, DS-Turbo 4-68

Product Description

DS-Turbo 4 series products are custom formulated lubricants specifically designed for long life under the severe, demanding conditions normally encountered in gas turbines and centrifugal compressors. These products combine the advantages of synthetic and restructured hydrocarbon oil which results in performance improvements beyond conventional mineral oils and many synthetic oils. Among these are:

- Exceptional oxidative stability
- Low sludging tendency

- Thermal and hydrolytic stability
- Rust and corrosion inhibition
- Long life, low equipment maintenance
 - Low evaporation loss
 - Improved performance
 - Viscosity stability

Typical Applications

- Turbines and centrifugal compressors
- Bearings (grades 32 and 46 only)
- Lightly loaded gears (grades 32 and 46 only)

Typical Properties*

Property	4-32	4-46	4-68
Viscosity			
@ 40°C cSt per ASTM D445	33.5	45.2	60.22
@ 100°C cSt	5.8	7.1	8.51
@ 100°F SUS	168.6	233	310
@ 210°F SUS	45.3	50.4	54.5
Viscosity Index, per ASTM D2270	112	113	113
Flash Point, C.O.C., °F (°C) per ASTM D92	445(229)	445 (229)	445 (229)
Fire Point, C.O.C., °F (°C) per ASTM D92	460 (238)	465 (240)	465 (240)
Pour Point, °F (°C) per ASTM D97	-35 (-37)	-32 (-36)	-30 (-34)
Density lb./gal. 60°F (15°C)	7.2	7.2	7.2
Specific Gravity @ 72°F per ASTM D1298	0.860	0.860	0.860

*These values are not intended for use in preparing specifications.

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