



## Imperial Premium R&O/ Turbine Hydraulic Oils

### Description:

- Imperial Turbine, R&O Hydraulic Oils, with proven field performance.

### Typical Applications:

- Imperial's ® R&O Turbine and Hydraulic Oils are premium rust and oxidation (R&O) inhibited multipurpose lubricating oils, formulated high quality hydro-cracked, high viscosity index base stocks and a proven additive package. These products have been formulated to provide outstanding demulsibility and when in contact with high water content or contaminants, these oils are designed to minimize emulsions. Our line of turbine oils also perform exceedingly well at minimizing sludge and varnish formation, as well as exceptional rust and corrosion protection in the most harsh conditions.
- Our turbine oils can be used in a wide range of applications including steam and gas turbines, air compressors, machine tools, heat transfer operations and hydraulic circulating systems, among other applications. These fluids meet the following specifications:

Denison HF-1	DIN 51524 part 1	MIL H 17672D
Afnor E46800L	Cincinnati Mach. P-38	Cincinnati Mach. P-45
Cincinnati Mach. P-54	Cincinnati Mach. P-55	Cincinnati Mach. P-57
Cincinnati Mach. P-62	US Steel 126	

### Physical Properties:

<b>ISO Grades</b>	<b>32</b>	<b>46</b>	<b>68</b>	<b>100</b>	<b>150</b>	<b>220</b>
Pour, °F	-10	-10	-5	-11	-6	+5
API Gravity	33.2	32.0	31.2	30.8	29.8	28.5
Viscosity, @						
40 °C, cSt	32.5	45	68	95.0	143	220
100 °C, cSt	5.6	6.8	8.8	10.8	14.2	19
Viscosity Index	111	106	102	97	96	97
Flash Point (PMCC), °C	>200	>200	>200	>200	>200	>200

“Success is in the Details”