



Heavy Duty Turbine Oil

Dyna-Plex 21C® Heavy Duty Turbine Oils are formulated to completely satisfy the lubrication requirements of steam, hydraulic and gas turbines. These oils are made with carefully refined high viscosity index base oils specifically treated to exhibit outstanding viscosity temperature characteristics to provide superior lubrication for turbine bearings and main propulsion gears, even in extreme heat and moisture conditions.

Selected ingredients are blended with these stocks to impart high oxidation stability and effective rust and corrosion resistance to extend life of moving parts. Dyna-Plex 21C Heavy Duty Turbine Oils contain a water additive that enhances moisture droppage and an anti-foam additive, which alters the surface tension of the oil for fast air release to prevent foaming.

<u>PROPERTY</u>	<u>ASTM TEST METHOD</u>	<u>ISO 32</u>	<u>ISO 46</u>	<u>ISO 68</u>	<u>ISO 100</u>
Viscosity @ 40°C, cSt	D-445	30.60	48.85	68.14	100.1
Viscosity @ 100°C, cSt	D-445	5.19	6.70	8.66	11.06
Viscosity Index	D-2270	98	98	98	98
Flash Point, COC, °C (°F)	D-92	207 (405)	216 (420)	220 (428)	220 (420)
Pour Point, °C (°F)	D-97	-29 (-20)	-23 (-10)	-23 (-10)	-10 (8)
Color	D-1500	.5	1.5	2.0	2.5
Gravity, °API	D-287	31.2	30.5	29.5	28.3
Turbine Oil Oxidation	D-943	10,000	10,000	10,000	10,000
Rust Test	D-665	Pass	Pass	Pass	Pass
Copper Strip Test	D-130	1	1	1	1

Meets or exceeds the following tests and requirements:

- Denison – HF-1
- Cincinnati Milacron – P-38, P-54, P-55, P-57

Recommended for use in the following environments:

- Industrial Plants
- Utility Plants
- Railroad Engines
- Vacuum and Deep Well Pumps
- Marine Engines
- Electric Motors (oil-lubricated)
- Anti-Friction Bearings