

ROYAL OIL CO.

SPECIALTY LUBRICANTS

TURBINE OIL

High Anti-wear, Water Shedding Turbine Oil

Highly Refined Base Oils

Excellent Oxidation Resistance

Rapid Water Separation

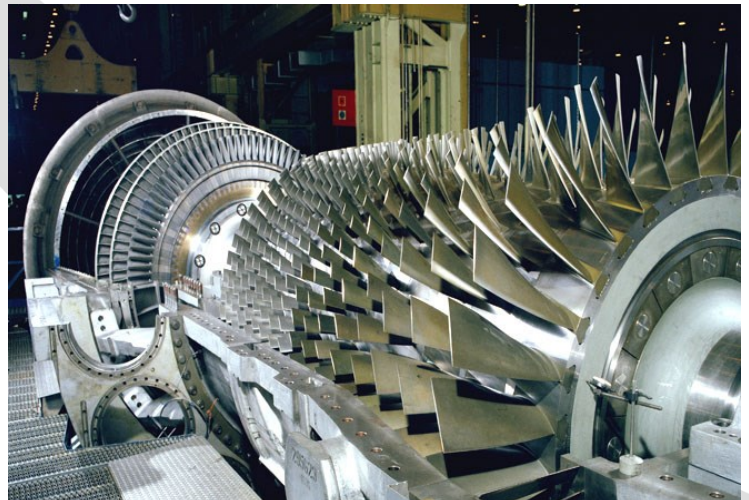
Rust/Corrosion Resistance

Excellent Anti-Wear Package

Extended Service Life

The newly reformulated Royal TURBINE OIL is the perfect example of how an industry leader stays in front of competition, through innovation. As equipment evolves it is critical that lubricant manufacturers follow suit, ensuring the best performance enhancing products are available. With exceptional water shedding capabilities, superior thermal stability and oxidation resistance you establish the capability of a long service life. During the operational period of the fluid you are provided with superior film strength, extreme pressure chemistry, and the best anti-wear package available for the application.

“The performance and testing data speaks for itself, With Royal’s HYDRAULIC OIL you’re utilizing a product designed to outperform traditional hydraulic oils by four to five times, all while preserving seals and protecting vital components.”



TURBINE OIL

Product Specifications

ISO Number	32	68	100	150	220
Approx. SAE No.	10	20	30	40	50
Gravity, API	30/32	29/31	28/30	28/30	27/29
Specific Gravity, (typical)	.86	.87	.87	.88	.89
Flash, °F, (COC), min.	400	400	415	430	440
Fire, °F, (COC), min.	430	440	450	470	480
Pour Point, °F, Max.	-40°	-30°	-30°	-20°	0°
Viscosity @ 100° C (cSt)	5.5	9	12	15	19
Viscosity @ 40° C (cSt)	32	68	100	150	220
Viscosity Index	105	105	105	105	105
Copper Corrosion (3 Hrs @ 100° C) (ASTM D-130)	1A	1A	1A	1A	1A
Turbine Oxidation Test (hrs.) (ASTM D-943)	>12,000	>12,000	>12,000	>12,000	>12,000
Rust Test (ASTM D-1401)					
Distilled Water	Pass	Pass	Pass	Pass	Pass
Synthetic Sea Water	Pass	Pass	Pass	Pass	Pass
Demulsibility (ASTM D-1401)					
ML oil/ml H2O/ml Emulsion (Min.)	40-40-0 (15)	40-40-0 (15)		40-40-0 (15)	
FZG– Visual (DIN 51534)	11	11		11	

Sharing lubricant knowledge and delivering the highest quality products, two things we promise our customers. The difference will change how you view, purchase and utilize greases and oils from here forward.

Family owned and operated since 1926.



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