

Shell Turbo GT



- Heavy-duty gas turbines and turbocompressors
- Extra long life
- High efficiency



DESIGNED TO MEET CHALLENGES

Every part of your machine or process has been meticulously engineered, so you want to use a lubricant that has been designed to ensure that your equipment is well protected and works efficiently.

The Shell Turbo range of turbine oils has been developed to enable equipment operators to select the oil that will deliver optimum value to their operations through.

- **wear protection**
- **long oil life**
- **system efficiency.**



Performance at a glance

	Protection	Oil life	System efficiency
Shell Turbo GT SYNTHETIC <ul style="list-style-type: none"> ■ Extra long life ■ High efficiency 	✓✓✓	✓✓✓✓✓	✓✓✓✓
Shell Turbo CC <ul style="list-style-type: none"> ■ Extra long life ■ Extra protection 	✓✓✓✓	✓✓✓✓✓	✓✓✓

Performance level is a relative indication only.

SHELL'S PREMIUM, INDUSTRIAL, HEAVY-DUTY GAS TURBINE OIL

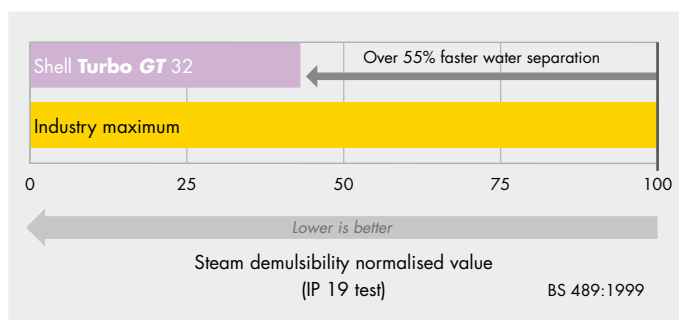
Shell Turbo GT is an advanced synthetic oil that offers the highest performance in the Shell range. Its excellent thermal and oxidation stability provide outstanding long oil life characteristics. It resists deposit build-up and foaming to enhance efficiency.

Shell Turbo GT exceeds the industry requirements for light- and heavy-duty gas turbine oils, which do not require enhanced anti-wear performance for the gearbox, and is designed for reliable performance even in the harshest operating environments.

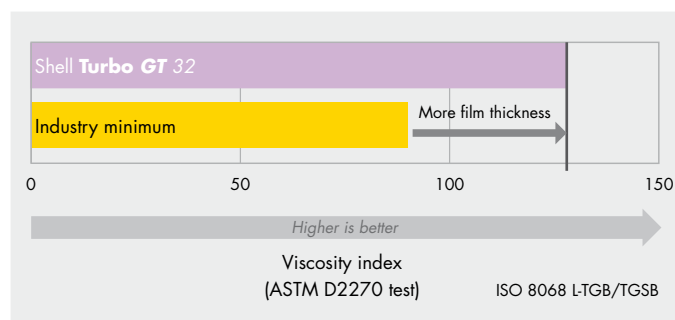
DESIGNED TO PROTECT

Shell Turbo GT is designed to prevent rusting and resist oxidation for long service life, even at high operating temperatures. Compared with the industry requirement, it offers

- **up to 55% faster water separation,**
which helps to protect components from damage



- **up to 42% more viscosity retention**
for better protection.

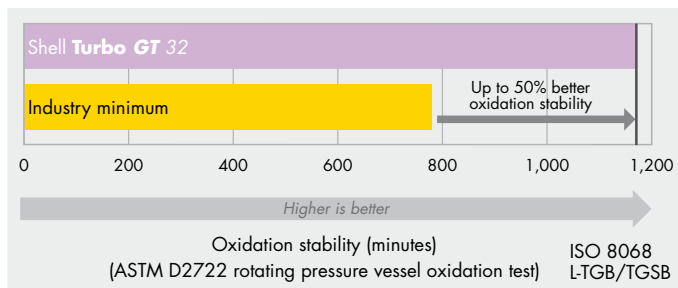


DESIGNED FOR LONG OIL LIFE

Limiting fluid degradation can help to prolong oil life. Shell Turbo GT has

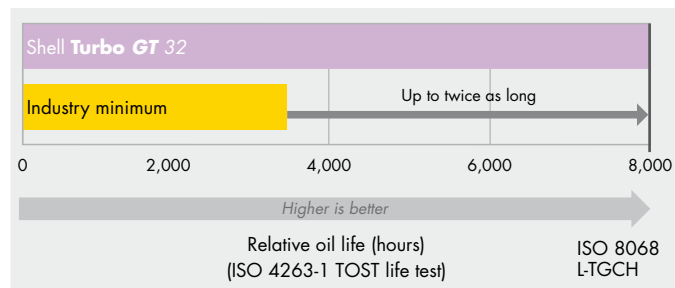
■ up to 50% better oxidation stability

compared with the industry standard for high-temperature gas turbine oils



■ an oil life up to twice as long

as the industry minimum requirements for high-temperature gas turbine oils.

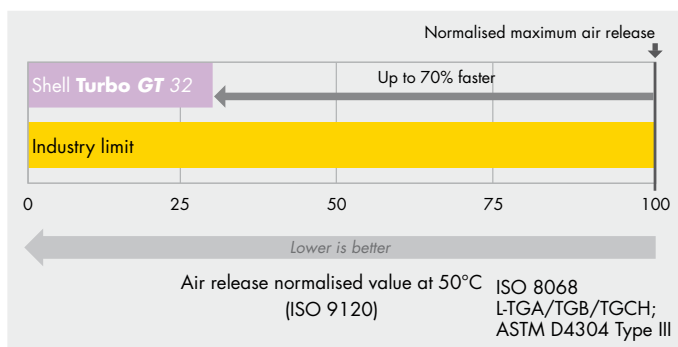


DESIGNED FOR HIGH EFFICIENCY

To help your equipment to run efficiently, Shell Turbo GT is designed to be tolerant to traces of contamination that can often lead to blocked oil filters, and has reduced oil foaming characteristics. It also offers

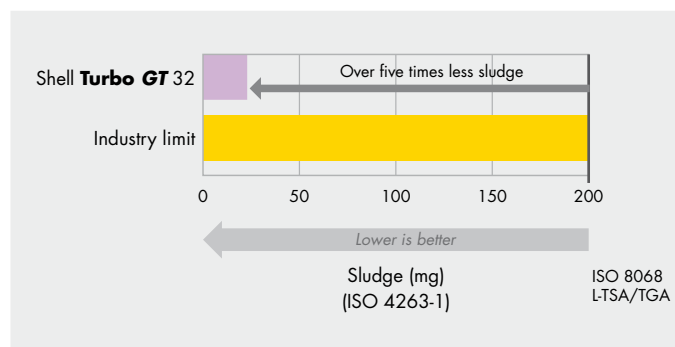
■ up to 70% faster air release

than the industry standard for gas turbine oils



■ over five times less sludge formation

than the industry standard for gas turbine oils.



SPECIFICATIONS AND APPROVALS

Shell Turbo GT meets the requirements of a wide range of industry bodies and equipment manufacturers. ISO viscosity grades available: 32, 46.

Claims and approvals	Meets requirements	
Alstom HTGD 90-117 V	GEK 27070, 28143A,	DIN 51515 Parts 1 (L-TD)
Siemens TLV 9013 04	46506E, 32568f and 107395a	and 2 (L-TG)
		ISO 8068
	Siemens Westinghouse 55125Z3	JIS K-2213 Type 2
	GEC Alstom NBA 50001A	ASTM D4304-06a Type I and III
	Solar ES 9-224W Class II	BS 489:1999

APPLICATIONS



Designed for use in industrial light- and heavy-duty gas turbines, and turbo compressors

For more information, please contact

shell.com/lubricants

REAL-WORLD VALUE DELIVERY

The Shell Turbo range of turbine oils has brought significant savings to operators of turbine systems. For instance, after suffering a series of operational issues, one turbine operator switched to a Shell Turbo oil and reportedly cut operating costs by 37% through

- reduced journal bearing failures
- extended bearing life
- improved plant reliability.

FULL PRODUCT AND SERVICE PORTFOLIO

Whatever your needs or application, we can provide a full range of oils and greases, including synthetic, high-performance products and additional services.

