



NESTE TURBINE GT EP

Turbine oil

ISO VG 32, 46, 68

DIN 52 524 - HL

DIN 51 515 - L-TD

Neste Turbine GT EP -oils are made of EHVI base oils and ashless additives. The products have extremely good oxidation stability, hydrolytic stability, and antiwear properties.

Special features:

- high viscosity index
- excellent oxidation stability
- excellent water separation
- excellent antiwear
- excellent rust resistance
- no foaming
- good air separation
- high flash point

TYPICAL CHARACTERISTICS	32	46	68
Densitykg/m ³ 15°C	838	840	849
Flash Point°C (COC)	236	230	218
Pour Point°C	-12	-24	-18
Viscosity Index	135	138	147
ViscositycSt/ 40 °C	32	46	68
ViscositycSt/ 100 °C	6	7,8	10,7
Acid value mgKOH/g	0,2	0,2	0,2
Ash content w-%	<0,01	<0,01	<0,01
Air release value 50 °C	3	4	5
FZG gear rig test	>9	>9	>9
Rust preventing characteristics (B)	pass	pass	pass
Copper corrosion	1B	1B	1B
TOST	>10000	>10000	>10000
R-BOT min	700		

Applications:

- turbines, when the the gearbox is in the same oil system as turbine bearings
- modern gas turbines
- industrial hydraulics, where extremely good stability is needed.
- gearboxes of machine tools
- turbines and hydraulic systems when low toxicity is needed

Neste Turbine GT EP meets the following requirements:

BS 489 (CIGRE)

GEK 32 568 F, GEK 107395, GEK 101941 A

SIEMENS TLV 901304-01

Approval: Siemens TLV 901304-01 for Neste Turbine GT 46 EP

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