

# WOLF GUARDTECH

## SAE 30 CF-4/SG

12/12/2022  
21203

Universal mineral oil of high quality, suitable for diesel engines (supercharged or naturally aspirated) and gasoline engines operating in cold climatic conditions.

### APPLICATIONS

This oil is particularly recommended for fixed diesel engines, material for public works and mixed fleets of trucks and cars.

### FEATURES

Total engine protection: performance in keeping the engine clean

### SPECIFICATIONS

ACEA	E2/E1	MIL	L-2104 E
MTU	Oil Category 1	MIL	L-46152 E
API	CF-4/SG	CATERPILLAR	TO-2
ZF	TE-ML 03A	MB	227.0
ZF	TE-ML 04B	MB	228.0
ZF	TE-ML 07D	ALLISON	C4
ZF	TE-ML 04A	MAN	270

### TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.890
Kinematic viscosity at 40°C	ASTM D445	mm <sup>2</sup> /s	103
Kinematic viscosity at 100°C	ASTM D445	mm <sup>2</sup> /s	11.8
Viscosity index	ASTM D2270		103
B.N. (HClO <sub>4</sub> method)	ASTM D2896	mg KOH/g	7.0
Pour point	ASTM D6892	°C	-42
Sulfated Ash	ASTM D874	Mass %	0.88
Flash Point COC	ASTM D92	°C	235

We reserve the right to alter the general characteristics of our products in order to let our customers benefit of the latest technical evolutions.

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