



## ADECO® NATURAL GAS SAE 40

### Product description:

ADECO NATURAL GAS SAE 40, mono-grade stationery engine oil, is intended for lubrication of generator engines, which use natural gas as fuel. It is made of high quality base oils and additive packages with low sulfated ash content below 0,5 %, that enables the higher purity of the combustion chamber, which prevents the occurrence of uncontrolled (detonation) combustion, as well as reducing NOx emissions.

### Purpose:

ADECO® NATURAL GAS SAE 40 engine oil is recommended for the lubrication of generator gas engines (turbocharged and naturally aspirated) that use natural gas (class B), gas produced from landfills (class C), or digester gas. Recommended for lubrication of generator motors from manufacturers including Caterpillar (all series), Waukesha (VHP, APG,...), Wartsila (220 SG series), GE Jenbacher (2/3/4/6), Perkins, MWM, Deutz, MDE Decentrale Energiesysteme, MAN, Guascor (SFGLD 480, V16NG), Rolls Royce and others. It can also be used for lubrication of gas compressors that transport natural gas, which are integrated into the system with a gas engine, if a lubricant of the specified quality is prescribed.

### Main advantages:

1. Outstanding protection against the formation of deposits, wear, oxidation and nitration of oil
2. Provides outstanding engine cleanliness
3. Longer service life and lower maintenance costs

### Physical and Chemical Properties:

<i>Characteristic, Unit</i>	<i>Method</i>	
<b>SAE Viscosity</b>	<b>40</b>	
Density at 15°C, g/cm <sup>3</sup>	0,88-0,90	ASTM D 1298
Kinematic Viscosity at 40°C, mm <sup>2</sup> /s	130-160	ASTM D445
Kinematic Viscosity at 100°C, mm <sup>2</sup> /s	13-16	ASTM D445
Viscosity Index	102	ASTM D 2270
Flash Point, COC, °C	240	ASTM D 92
Pour Point, °C	-20	ASTM D 97
Sulfated ash (%)	0,42	ASTM D 874
Total base number, TBN, (mg KOH/g)	5,7	ASTM D 2896

**Meet Specifications:** API CF, Caterpillar, Waukesha, Wartsila, Jenbacher, MWM Deutz



## Technical Data Sheet

---

**Storage:** store in the original package, with the cap closed, with the barrels tilted by 10 degrees in relation to the horizontal. Barrels must be sheltered from atmospheric precipitation (rain, snow) as well as from direct sunlight.

**Packaging:** barrels 200 lit, IBC 1.000 lit.