



# Gulfo ZA

*Premium quality ashless natural gas engine oils*

## Product Description

**Gulfo ZA series** are premium quality heavy-duty ash-free oils specially developed for lubrication of high performance gas engines requiring “ashless” oil. These oils are formulated from carefully selected base stocks and additive system to provide excellent engine cleanliness, thermo-oxidative stability and protection against wear, scuffing and corrosion of engine components. The advanced additive technology of this oil is very effective in controlling carbon and ash deposits in combustion chamber and on exhaust and intake ports. These oils are available in three viscosity grades viz. SAE 30, SAE 40 and SAE 15W-40.

## Features & Benefits

- Minimises nitration and oxidation effects to provide extended oil & filter life and clean engines even in severe operating conditions
- Protects against wear and minimizes ring scuffing during break-in periods
- Controls carbon and ash deposits minimizing port plugging in two cycle engines
- Keeps spark plugs clean
- Deposit induced detonation and pre-ignition are virtually eliminated
- Protects engine components against corrosive wear
- Reduces the need to clean cylinder ports of two-cycle engines between overhaul periods

## Applications

- Two-cycle and four-cycle stationary gas engines used in gas transmission/compression and transportation where ashless oils are recommended
- Two-cycle gas engines where removal of port carbon demands downtime

## Specifications, Approvals & Typical Properties

SAE Viscosity Grade		30	40	15W-40
<b>Typical Properties</b>				
Test Parameters	ASTM Method	Typical Values		
Viscosity @ 100 °C, cSt	D 445	11.25	14.2	14.3
Viscosity Index	D 2270	98	97	133
Flash Point, °C	D 92	236	242	236
Pour Point, °C	D 97	-18	-15	-27
Density @ 15°C, Kg/l	D 1298	0.869	0.873	0.860
Sulphated Ash, %wt	D 874	0	0	0

Properties mentioned are typical only and minor variations, which do not affect product performance, are expected to arise in normal manufacturing processes. Please follow equipment manufacturer's recommendations for performance level and viscosity grade. The Safety Data Sheet for this product is available from your nearest Gulf Distributor. Please consult our local representative if any further information is required.

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