



## Steel Shield Technologies

### SST-ECI GECAT No.4 HD-AP SAE-30 / 40 ASH FREE GAS ENGINE OILS ( Pegasus 801 )

GECAT No.4 is a Heavy Duty ashless natural gas engine oils formulated with highly refined paraffinic base oils and special select ashless additives. Enhanced with Steel Shield ABF Technologies these oils demonstrate excellent control of deposits, wear, bearing corrosion, oxidation and nitration. They can meet the requirements of Ajax, Clark, Cooper-Bessemer and Fairbanks-Morse 2-cycle naturally aspirated and turbo-charged engines fuelled by natural gas.

#### BENEFITS

- Superior oxidation and nitration stability
- Strong TBN retention
- Minimizing spark plug fouling and pre-ignition
- Exceptional control of deposit, wear and bearing corrosion
- Reduce deposit and maintain engine cleanliness
- Extended oil drain interval
- Reduce downtime 300% and more
- Extends the life of engine parts upto 400% (conditional to the physical status)
- Reduce noise 3db~9db (conditional to engine condition)
- Improves efficiency in terms of usable output energy

#### APPLICATION

GECAT No.4 is recommended for use in 2-cycle, spark-ignition industrial gas engines where ashless oil is required.

#### TYPICAL SPECIFICATION

SAE Grade		30	40
Kinematic Viscosity, @ 40°C, cSt	ASTM D445	102	138
@ 100°C, cSt	ASTM D445	11.5	13.8
Viscosity Index	ASTM D2270	99	98
Flash Point (COC), °C	ASTM D92	225	238
Pour Point, °C	ASTM D97	-20	-20
TBN, mgKOH/g	ASTM D2896	2.2	2.2
Sulphated Ash, %wt	ASTM D874	< 0.1	<0.1

Whilst these characteristics are typical at current production, it may vary in the future subject to Steel Shield's final production specification.

IMPORTANT Reminder: In case of an oil change, we recommend the system be flushed for precaution of any possible cross effects between the new and the old oils of different make, and to maximize the performance and the lifetime of the new oil.