



# GRANIT

## SYN EURO FLEET



### DESCRIPTION

GRANIT SYN EURO FLEET SAE 10W-40 is a fully synthetic, ultra high performance HDDEO, developed to meet the requirements of ACEA E4 and to **surpass the ACEA E7 performance requirements**. Engineered with TriboACT® Formula, it provides the highest levels of protection for the engine against wear at high load operating conditions, protects the turbocharger against deposits formation, while at the same time being fully compatible with exhaust after-treatment devices (excl. DPF). GRANIT SYN EURO FLEET SAE 10W-40 has been designed to protect and complement vital engine parts, while at the same time providing for enhanced drain interval capabilities due to its TriboACT®-enhanced formulation.

### APPLICATIONS

GRANIT SYN EURO FLEET SAE 10W-40 is suitable for highly rated diesel engines meeting Euro I, Euro II, Euro III, Euro IV and Euro V emission requirements and running under very severe conditions in both on-road and off-road applications. It is also recommended for heavy duty diesel engines asking for MB 228.5, Scania LDF-2 & Volvo VDS-3 quality oils .

### CHARACTERISTICS-BENEFITS

CHARACTERISTICS	BENEFITS
TriboACT® Formula engineered.	Excellent wear protection; elevated turbocharger protection; sufficient viscosity retention at actual operating conditions.
Fully synthetic formulation.	Reduced oil consumption; wide range of temperature applications even at operations where the temperatures is constantly low as -30°C.
Excellent thermal stability.	Enhanced cleanliness secures full engine protection
Ultra high performance diesel oil.	Extended drain intervals intended oil for heavy duty environments.

### PHYSICAL-CHEMICAL CHARACTERISTICS

GRANIT SYN EURO FLEET	METHOD	SAE 10W-40
Density at 15°C, g/cm <sup>3</sup>	ASTM D1298	0,870
Dynamic viscosity, cP	ASTM D5293	-25°C/6100
Viscosity, Kinematic (cSt) 100°C	ASTM D445	14.4
Viscosity, Kinematic (cSt) 40°C	ASTM D445	94,09
Viscosity index	ASTM D2270	159
Flash point, COC, °C	ASTM D92	228
Pour point, °C	ASTM D97	-36
TBN, mgKOH/g	ASTM D2896	12,8

The above mentioned characteristics represent mean values.

### SPECIFICATIONS

API CI-4; ACEA E4, E7; MB 228.5; MAN M3277; Volvo VDS-3; MTU Cat. 3; Renault Trucks RXD, RLD-2; Scania LDF-2; Deutz DOC III-10; DAF Extended Drain; Cummins CES 20077, 20078; Mack EO-N, EO-M Plus; IVECO 18-1804 T3 E4

### APPROVALS

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