



GRANIT EXTRA



DESCRIPTION

GRANIT EXTRA are premium quality, commercial mixed-fleet engine oils formulated with high quality mineral base oils and a superior, balanced additive system to meet the demands of modern fleets. They are designed for use in both diesel and petrol engines, for which such a quality and performance level are recommended.

APPLICATIONS

GRANIT EXTRA lubricants are suitable for the lubrication of turbocharged and conventional high-performance, 4-stroke gasoline and diesel engines that can be found in heavy-duty trucks, vans and passenger cars requiring an API CG-4/CF-4/SJ oil quality. They are also suitable for off-highway and other industrial equipment.

CHARACTERISTICS-BENEFITS

CHARACTERISTICS	BENEFITS
Multigrade oils of wide grade range.	Excellent low temperature properties in very low ambient temperature conditions.
Stay-in-grade, shear stable.	Reduced oil consumption and wear protection.
Applications variety.	Reduced inventory cost.
Enhanced thermal and oxidative stability.	Reduced sludge build-up, deposits and viscosity increase.
Improved dispersancy properties.	Cleaner engines and longer component life particularly in high load and stop and go driving.

PHYSICAL-CHEMICAL CHARACTERISTICS

GRANIT EXTRA	METHOD	SAE 15W-40	SAE 20W-50
Density at 15°C, g/cm ³	ASTM D1298	0,884	0,886
Dynamic viscosity, @ °C/cp	ASTM D5293	-20/6300	-15/8500
Viscosity, Kinematic (cSt) 100°C	ASTM D445	14,0	19,1
Viscosity, Kinematic (cSt) 40°C	ASTM D445	102	175
Viscosity index	ASTM D2270	139	124
TBN, mgKOH/g	ASTM D2896	8.1	8.1
Flash point, COC, °C	ASTM D92	224	244
Pour point, °C	ASTM D97	-27	-24

The abovementioned characteristics represent mean values.

SPECIFICATIONS

API CF-4, CG-4, SG, SJ; ACEA E2; MB 228.1; MTU Cat. 1; Volvo VDS; MAN 271
Level: ACEA A2/B2

APPROVALS

SAE 15W-40: MB-Approval 228.1