

# Eni i-Sigma universal 20W-50



## APPLICATIONS

**Eni i-Sigma universal 20W-50** is a multigrade lubricant suitable for the lubrication of engines of both heavy vehicles and cars working under severe operating conditions, with fuel saving characteristics and longer oil change intervals.

It can also be applied in petrol engines and offers a good choice in the case of mixed fleets.

## CUSTOMER ADVANTAGES

- The quality of the bases and the innovative additives used guarantee a steady performance throughout the service life indicated by the manufacturers.
- The dispersing-detergent properties and the neutralizing power against acidic combustion products guarantees exceptional piston cleaning and dispersion of solid combustion or degradation products, avoiding precipitation and subsequent formation of deposits.
- Its antioxidant, anti-rust and anti-wear characteristics are suitable for severe operation and provides a long change interval. Oxidation is effectively inhibited, ensuring the viscosity consistency in the life time of use. Metallic surfaces are effectively protected against wear and corrosion ensuring and maintaining maximum engine efficiency over time.
- It meets the requirements of ACEA A3/B3 issue 2004.

## SPECIFICATIONS

- ACEA E2
- API CG-4/SL
- MAN 271
- MB 228.1, 229.1



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## CHARACTERISTICS

Properties	Method	Unit	Typical
Density at 15°C	ASTM D 4052	kg/m <sup>3</sup>	894
Viscosity at 100°C	ASTM D 445	mm <sup>2</sup> /s	18.3
Viscosity at 40°C	ASTM D 445	mm <sup>2</sup> /s	161
Viscosity Index	ASTM D 2270	-	126
Viscosity at -15°C	ASTM D 5293	mPa·s	9250
Flash point COC	ASTM D 92	°C	231
Pour point	ASTM D 5950	°C	-27
B. N.	ASTM D 2896	mg KOH/g	9.1



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