

2-ETHYLHEXYL NITRATE (2-EHN)

2-ETHYLHEXYL NITRATE (2-EHN) ; Jossad 200

CAS Number: $C_8H_{17}ONO_2$

JOSSAD 200 is used in order to improve ignition performance of diesel fuels by increasing the cetane number.

2 EHN is added to diesel fuels of low cetane numbers to raise ignition quality: provide quicker low temperature start-up, reduce white smoking and diesel knocking

after start-up, limit noise and emissions of exhaust gases.

Fuels enhanced with cetane improver JOSSAD 200 give smoother operation of diesel engines.

JOSSAD 200 is clear colourless liquid of specific smell. Technical parameters shown below guarantee high effectiveness of the product as well as fuel packages in which JOSSAD 200 is a component.

Parameter	Minimum	Maximum	Test Method
2-Ethylhexyl Nitrate content (%)	99.5		GLC
Ethylhexanol content (%)		0.5	GLC
Density at 20°C (kg/litre)	0.962	0.966	
Acidity of water extract (% HNO ₃)		0.003	
Water content (%)		0.05	Carl-Fischer
Refractive index	1.4305	1.4315	

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