

# Diesel-R

- Residual starting situation. (2008).

<b>Rejection fraction generated by the participating municipalities intended for final treatment</b>	<b>40.000 Tons/year (Destined to multiple finalist installations)</b>
Data provided by the Catalan Waste Agency "Agencia de Residus de Catalunya"	

- Expected Waste Situation (2012).

<b>Rejection fraction generated by the participating municipalities intended to KDV unit</b>	<b>40.000 Tons/year</b>
<b>Produced Diesel</b>	15.000 Tons/year
<b>Unit KDV rejection</b>	3.000 Tons/year (Destined to finalist installations)
<b>Emissions savings</b>	44.000 Tons CO2/year
Estimates made by SANEA	

The Project plans the certification of a fuel **Diesel A** that complies with the regulation **EN590**.

Parameter	According to EN 590	Unit	Method
<b>Cetane index</b>	> 46	Kg/m3	ASTIM 4737-04 ASTM D4052-96(2002) e1
<b>Density at 15°C</b>	Between 820 and 845		
<b>Polycyclic Aromatic Hydrocarbons</b>	<11	% m/m	UNE-EN 12916-07
<b>Sulfur</b>	<0,10	% m/m	IP 336-04
<b>Distillation at 760 mmHg</b>			ASTM D 86-09
<b>65% collected</b>	>250	°C	
<b>80% collected</b>		°C	
<b>85% collected</b>	<350	°C	
<b>95% collected</b>		<360	°C
<b>Kinematic Viscosity at 40°C</b>	Between 2,00 and 4,50	mm2/s	ASTM D 445-06
<b>Inflammation point</b>	>55	°C	ASTM D 93-08
<b>Cold Filter Plugging Point</b>	<-10	°C	UNE-EN 116/AC-99
<b>Micro-carbonaceous residue.</b>	<0,30	% m/m	ASTM D 4530-07
<b>Lubricity</b>	<460	µm	UNE-EN 12662-99
<b>Water</b>	<200	mg/kg	UNE-EN ISO 6245-03
<b>Total contamination</b>	<24	mg/kg	UNE-EN 12662-99
<b>Ash</b>	<0,01	% m/m	UNE-EN ISO 6245-03
<b>Copper Strip Corrosion</b>	1 Class	g/m3	ASTM D 130-04E1 ASTM D 2274-03a
<b>Oxidation stability</b>	<25		
<b>Color</b>	L.2		ASTM D 1500-07
<b>Transparency and gloss</b>	Meets		ASTM D 1500-07