## **IOR Energy PTY LTD**

ABN 60 010 504 444

PO Box 14 Bulimba

Brisbane QLD 4171 Australia

Telephone: (61) 7 3895 4444
Facsimile: (61) 7 3395 7902
Web: www.ior.com.au
Email: mail@ior.com.au



## PRODUCT SPECIFICATION

## **ENERSOL ULS DIESEL**

Source: Industry – Australian Standard

TEST	UNIT	LIMIT	METHOD
Ash & Suspended Solids	ppm	100 (max.)	ASTM D482
Carbon Residue (on 10% residuum)	% by	0.2 (max.)	ASTM D4530
	mass		
Density (at 15℃)*	kg/L	0.8200 to	ASTM D1298
		0.8500	
Distillation (95% recovered)	$\mathcal C$	360 (max.)	ASTM D8 6
Flash Point*	$\mathcal C$	61.5 (min.)	ASTM D93
Oxidation Stability	mg/L	25 (max.)	ASTM D2274
Sulphur	ppm	10 (max.)	ASTM D5453
Water and sediment	% by vol.	0.05 (max.)	ASTM D2709
Viscosity kinematic (at 40℃)	cSt	2.0 to 4.5	ASTM D 445
Polycyclic Aromatic Hydrocarbons	% mass	11%	IP 391
Cetane Index	Index	46 (min.)	ASTM D4737 A
Conductivity (@ ambient	pS/m	50 (min.)	ASTM D2624
temperature)			
Copper Corrosion (3 hrs @ 50℃)	Class	1 (max.)	ASTM D130
Filter Blocking Tendency	Index	2.0 (max.)	IP 387
Lubricity	mm	0.460 (max.)	IP 450
Colour		2 (max.)	ASTM D1500

Properties marked with (\*) will be tested and verified with the Certificate of Analysis.

## DANGEROUS GOODS DETAILS

UN Number:
Dangerous Good Class:
Subsidiary Risk:
Packing Group:
Hazchem Code:
Not allocated
Not allocated
Not allocated

IOR reserves the right to vary this specification from time to time without notice. **ISSUED: 1 December 2010** 

ISSUED: 1 December 2010 Spec - Enersol ULS Diesel (1-12-2010) SUPERSEDES: N/A