

New Era Fuels Ltd

Goodman House, 2nd Floor, East Wing, Station Approach, Harlow, Essex, CM20 2ET

Tel No: +44(0)1279 42 57 57 Fax No: +44(0)1279 42 57 58

www.newerafuels.co.uk



TECHNICAL DATA SHEET GAS OIL (10PPM)

Product

Ultra Low Sulphur Gas Oil

Appearance

Clear and bright liquid

Red Colour

Specification

BS EN 2869*

* Meets BS EN 2869 and in addition contains chemical markers and dye in accordance with HM Revenue and Customs requirements. The dye gives the product a red colour. **Carries a lower rate of duty than Diesel ULS.**

Application

High quality fuel for use in modern diesel vehicles for off highway applications.

Quality Data

Parameter (BS-Methods)	Units	BS or HM Revenue & Customs Limit		Esso Typical
		Min	Max	
Cetane Number		45.0	-	48
Density @15°C	kg/m ³	820	-	834
Sulphur Content				8.8
At point of manufacture	mg/kg	-	10	-
At final point of distribution	mg/kg		20	
Flash Point	°C	56	-	63
Carbon Residue (on 10% distillation residue)	% (m/m)	-	0.3	0.02
Ash Content	% (m/m)	-	0.01	0.001
Water Content	mg/kg	-	200	65
Particulate Content	mg/kg	-	24	5
Copper Strip Corrosion	rating	Class 1		Class 1
Oxidation Stability	g/m ³	-	25	2.3
Lubricity, corrected wear scar diameter (wsd 1.4 @ 60°C)	µm	-	460	272
Viscosity @40°C	mm ²	2.0	5.0	2
Strong Acid Number	mg KOH/g	-	0	0
FAME Content	%	-	7.0	<0.05
Oxidation stability				2.3
0.0 - 7.0% FAME	g/m ³	-	25	-
2.0 - 7.0% FAME	h	20	-	NA
Cloud Point				
Summer	°C	-	-	-12 (S)
Winter	°C	-	-	-22 (W)
CFPP				
Summer	°C	-	-4	-15 (S)
Winter	°C	-	-12	-24 (W)
Distillation				
% (v/v) recovered @ 250°C	% v/v	-	65	45
% (v/v) recovered @ 350°C	% v/v	85	-	99

Seasonality Dates

Grade	Grade
W Winter Grade	W Winter Grade
S Summer Grade	S Summer Grade

Additional Technical Information

Grade	Units	Diesel
Specific Energy Gross	MJ/kg	46.08
Net	MJ/kg	43.23

Specific Energy calculated using BS2869. 'Typicals' are expected qualities based on recent historical production data and should therefore not be considered a guarantee of quality. **For Health & Safety information refer to the most current version of the product MSDS.**



The typical test data represented is intended as a guide and should not be considered as a specification or guarantee.
The content of this Data Sheet is given in good faith but without warranty.