

Pelagic GZ ISO Oil Equivalents



Key Product Characteristics:

- Capable of Replacing Mineral Oils.
- Contain only PLONOR Chemicals.
- Green Zone for discharge in Norway.
- Excellent Technical Performance.
- Available in wide range of Viscosities.

Product Range Includes:

- ◆ Pelagic GZ 12
- ◆ Pelagic GZ 18
- ◆ Pelagic GZ 32
- ◆ Pelagic GZ 46



Niche Products

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'Go Green With Pelagic'



PELAGIC GZ ISO OIL EQUIVALENT HYDRAULIC FLUIDS

Pelagic GZ ISO Oil Equivalent hydraulic fluids are environmentally superior alternatives to existing mineral and synthetic oils in a wide range of hydraulic equipment.

Pelagic GZ ISO Fluids are available in a range of viscosities in line with standard ISO Hydraulic Oils.

Pelagic GZ ISO fluids contain only PLONOR Chemicals and are Green Zone for discharge in Norwegian waters.

Pelagic GZ ISO fluids exhibits outstanding lubricity and anti-wear characteristics, offering comparable system performance to standard hydraulic oils.

Pelagic GZ ISO fluids have an upper temperature limit of 70°C.

The technical profile of Pelagic GZ ISO fluids make them ideally suited for use in cold climates including the Barents Sea and other areas of Norway.

Pelagic GZ ISO Oils are the most environmentally acceptable hydraulic fluids on the market today.

Pelagic GZ ISO Oil fluids are capable of operating in a wide range of Offshore hydraulic equipment. Please contact us for further information and advice on a suitable fluid for your application.



'Pelagic Green Zone Fluids are the most technologically and environmentally advanced hydraulic fluids ever developed for the Offshore Oil and Gas Industry.'





Contamination Limits

Contaminant	Max limit	Effects
Water	1-3%	Fully soluble in water with no emulsion formation. Adverse effects come from increasing corrosion risk with concentration.
Seawater	0-1%	Fully soluble in sea-water with no emulsion formation. Adverse effects come from increasing corrosion risk with concentration.
Mineral Oils	0.5-2%	Insoluble; will turn fluid cloudy and oil will slowly separate to top of system resulting in a risk of emulsion formation in severe cases.
Synthetic Oils	0.5-2%	Insoluble; will turn fluid cloudy and oil will slowly separate to top of system resulting in a risk of emulsion formation in severe cases.

Material Compatibility

Elastomers	Metals	
Nylon 11	Incoloy 825	Inconel 625
PEEK	17.4.PH	Elgiloy
Neoprene	304	Monel K500
Viton	316	Monel K400
EPDM	316/S42	Titanium
Silicone	Super Duplex	Alloy 450
PTFE	Duplex	Alloy 718
NBR Nitrile	440C	Steel 431
HNBR	AISI 4140	Steel 416/S21
Chemraz	AISI 410	



'Pelagic GZ (Green Zone) Fluids provide the Offshore Oil and Gas Industry with Green alternatives to millions of litres of environmentally damaging chemicals discharged each year'.



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Certified ISO 9001-2000

For the Development, Manufacture and Supply of Speciality Chemicals



Certificate No: 2906/01

Pack Sizes

200 Litre Drum
1000 Litre IBC

'Pelagic GZ (Green Zone) Fluids provide unbeatable environmental properties combined with unrivalled technical performance in the field.'

