Marine lubricants.

Mistral

Hydraulic fluid with anti-wear capacity specially developed for use in marine environments.

Use

- Moeve Mistral is especially recommended for hydraulic systems installed on ships and in marine environments. Specially developed for high-pressure hydrostatic systems equipped with latest-generation pumps that require an anti-wear hydraulic fluid.

Benefits

- Very high resistance to marine environments.
- High demulsibility.
- Excellent resistance to foaming tendency and good release of occluded air.
- Protects the circuit thanks to its anti-wear capacity.
- Very high resistance to sludge and deposit formation.
- High protection against corrosion and rust.
- Highly resistant to oxidation.
- High filterability.

Specifications

- DIN 51524 Part 2 HLP
- AFNOR NF-E 48-603 HM
- EATON Brochure 03-401-2012
- ENGEL (ISO 46)
- ISO 6743-4 HM
- AFNOR FILTERABILITY (Dry&Wet)
- BOSCH-REXROTH 90220
- PARKER DENISON HF-0, HF-1, HF-2
- FIVES CINCINNATI P-68 (ISO 32), P-69 (ISO 68), P-70 (ISO 46)

Physical and chemical properties

Parameter	Units	Method	Mistral		
ISO Grade	-	-	**32**	**46**	**68**
Viscosity at 40 °C	cSt	ASTM D-445	32	46	68
Viscosity at 100° C	cSt	ASTM D-445	5.5	6.8	8.7
Viscosity index	-	ASTM D-2270	109	102	100
Density 15 °C	kg/l	ASTM D-4052	0.873	0.879	0.885
Flash point COC	°C	ASTM D-92	230	234	250
Pour point	°C	ASTM D-97	-24	-24	-21

Health & safety and environment

A Material Safety Data Sheet providing information on product hazards, handling precautions, first aid measures, and relevant environmental data is available for this product as per applicable legislation.

The typical values of the characteristics appearing in the table are average values given for guidance purposes only and do not constitute a guarantee. These values may be modified without any prior warning.