

FRAGOL HYDRAULIC PGS 22

FRAGOL HYDRAULIC PGS 22 is a synthetic ISO VG 22 high performance hydraulic fluid based on a mixture of water soluble poly-alkylene-glycols (PAG). It utilises latest available additive technology providing high anti-wear and extreme pressure performance required in hydraulic systems.

FRAGOL HYDRAULIC PGS 22 can take up to 5% water without losing its properties.

APPLICATIONS

- Cold outdoor applications
- Low to medium loaded bearings, e.g. ventilators
- Valve lubrication
- Multipurpose lubrication
- Hydraulic and circulating systems
- Waterworks that must use water-soluble products

BENEFITS

- Excellent wear protection
- Strong corrosion protection
- Good air separation behavior
- Extended change intervals
- No formation of deposits
- No oil sheen on water (waterworks)

TYPICAL CHARACTERISTICS

FRAGOL HYDRAULIC PGS 22	Value	Unit	Method
Temperature range	-25 to 140	°C	-
Appearance	clear liquid	-	visual
Viscosity @ 40 °C	23.0	mm ² /s	ASTM D-445
Viscosity @ 100 °C	4.6	mm ² /s	ASTM D-445
VI	149	-	ASTM D-2270
Density @ 15.6 °C	1.013	kg/l	ASTM D-1298
Total acid number	0.48	mg KOH/g	ASTM D-664
Flash point (COC)	192	°C	ASTM D-92
Pour point	-45	°C	ASTM D-97
Copper corrosion	1a	-	ASTM D-130
FBW @ 40kg/1Hr/75 °C/1200rpm	0.58	mm	ASTM D-4172
Welding load	126	kg	ASTM D-2783

SPECIFICATIONS

FRAGOL HYDRAULIC PGS 22 meets or exceeds the requirements of the following specifications:

ISO-L-HEPG (according to ISO 6743-4:2015)
HVLP (according to DIN 51524-3)

COMPATIBILITY

FRAGOL HYDRAULIC PGS 22 is not compatible with other chemistries. This chemistry also has the tendency to dissolve single component paints. For the compatibility with seals, gaskets or hoses we recommend to check with the supplier of those materials.
Please check our technical guideline for information about how to convert to PAG-oils.