

HM-type mineral oils for hydraulic transmissions (NF E 48-602).

ADVANTAGES

NAS-class, micro-filtered, "stabilised zinc"-generation mineral oils for hydraulic transmissions with a high viscosity index and good anti-oxidant, anti-corrosion, anti-foaming and anti-wear properties.

Highly shear stable, they have a low pour point (freezing point) and have no effect on hydrocarbon-resistant elastomer seals.

During their manufacturing process, SONHYDRO F oils are intensively filtered in the 3 to 5 µm range.

USES

All hydraulic control applications:

- Construction vehicles, diggers and miscellaneous equipment.
- Lifting and goods handling vehicles and equipment.
- Machine tools, presses, injection and moulding presses, casting equipment, scrap iron and steel crushers, etc.

Rotary blade compressors (Ingersol-Rand type GYRO-FLO-Mill's)

Characteristics	Units	Methods	Values				
			15	22	32	46	68
Density at 15 °C	kg/m3	NF T 60-101	843	869	876	881	886
Open cup testing (flash point)	°C	NF T 60-118	192	204	219	228	237
Fire point	°C	NF T 60-118	204	222	243	246	264
Pour point	°C	NF T 60-105	-39	-33	-27	-24	-24
Kinematic viscosity at 40 °C	mm ² /s	NF T 60-100	15.1	21.5	32.1	46.3	68.7
Kinematic viscosity at 100 °C	mm ² /s	NF T 60-100	3.5	4.14	5.48	6.89	8.84
Engler viscosity at 50°C	°E	-	1.9	2.3	3.1	4.2	5.8
Viscosity index	-	NF T 60-136	108	104	106	104	101

Characteristics are given for information only and correspond with our manufacturing standards. IGOL reserves the right to modify them to provide its customers with the benefits of technical progress. Before using this product read the instructions for use and the environmental impacts mentioned in the technical and safety data sheets. The information given above is based on the current level of knowledge relative to the product concerned. The product user should take all useful precautions relative to its use. IGOL can in no circumstances be held responsible for damage resulting from incorrect use.

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