

## HM category hydraulic lubricant suitable for food-processing industries

### PERFORMANCES

**Specifications:**

NSF H1:

H1 category- Registration no.: 143974 (Grade 32)

H1 category- Registration no.: 143973 (Grade 46)

H1 category- Registration no.: 143975 (Grade 68)

### ADVANTAGES

High viscosity index lubricants with good anti-oxidant, anti-corrosion, antifoam and anti-wear properties.

They are unaffected by sheer forces, and they do not attack petroleum resistant elastomer seals. HYDRAL HM products are specially developed to satisfy the lubrication requirements of machines operating in severe conditions. They are recommended for hydraulic circuits subject to severe temperature and pressure conditions.

### USES

- Hydraulic controls: NF 48-602 standard, HM type.
- Hydraulic controls subject to severe working conditions.
- Agricultural equipment: power shovels, tractors and grape and grain harvesting and processing machines.
- Lubrication of mechanisms having incidental contact with food products.
- Movements and joints.

Characteristics	Units	Methods	Values			
			22	32	46	68
Density at 15°C	kg/m <sup>3</sup>	NF T 60-101	852	859	863	867
Flash point Open cup.	°C	NF T 60-118	210	218	225	232
Pour point	°C	NF T 60-105	-12	-11	-10	-8
Kinematic viscosity at 40°C	mm <sup>2</sup> /s	NF T 60-100	22,2	32,4	46,3	68,4
Kinematic viscosity at 100°C	mm <sup>2</sup> /s	NF T 60-100	4,3	5,5	6,9	8,8
Engler viscosity at 50°C	°E	-	2,3	3,1	4,2	5,8
Viscosity index	-	NF T 60-136	102	106	103	100

*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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