

Pure mineral oils derived from advanced refining, for greasing mechanisms and transmissions.

### PERFORMANCES

#### Specifications:

NF E 48-602 - Type HH

### ADVANTAGES

CRYSTAL oils are characterised by a viscosity index and a low pour point.

These oils also feature very high heat and friction resistance, and shear strength.

### USES

Greasing mechanisms and transmissions: by circulation, oil bath and oil mist.

Hydraulic circuits under low loads.

Low and medium-power straight or helical gears for machine-tools, gearboxes, reduction gears, etc.

Characteristics	Units	Standards	Values				
			15	22	32	46	68
Density at 15°C	kg/m <sup>3</sup>	NF T 60-101	850	869	875	877	883
Kinematic viscosity at 40°C	mm <sup>2</sup> /s	NF T 60-100	15.2	22.9	32.7	46.5	67.7
Viscosity index	-	NF T 60-136	103	104	106	110	112
Pour point	°C	NF T 60-105	-21	-18	-15	-15	-15

Characteristics	Units	Standards	Values				
			100	150	220	320	460
Density at 15°C	kg/m <sup>3</sup>	NF T 60-101	886	890	894	893	900
Kinematic viscosity at 40°C	mm <sup>2</sup> /s	NF T 60-100	101	153	219	319	458
Viscosity index	-	NF T 60-136	109	103	103	102	95
Pour point	°C	NF T 60-105	-14	-14	-13	-13	-12

*The characteristics are given purely for information and are consistent with our current production standards. IGOL reserves the right to modify them, in order to pass on technical developments to its customers. Before using this product, you should consult the instructions for use and the environmental impact shown on the technical and safety data sheets. The information given above is based on the current state of our knowledge of the product in question. The product user should take all relevant precautions relating to its use. Under no circumstances may IGOL be held liable for damages resulting from misuse.*

Document ref.: VIII- 51-1503  
Published: 01/03/2016