

Mineral oils with a high viscosity index, containing special additives which give them, in addition to their oxidation resistance and rust and corrosion protection properties, special anti-wear, extreme pressure and anti-stick-slip characteristics.

These properties enable them to be used as multipurpose oils, both as hydraulic fluid and as oil for lubricating slides and gears.

PERFORMANCES

Grades 32 and 68 correspond to types HG 32 and HG 68 in the NF E 48-602 and NF E 60-200 standards.

Grade 32 complies with the Cincinnati - Milacron P-53 specification.

USES

Multi-use oils for machine tools (hydraulic controls, gear boxes and slides)

Centralised lubrication (Bijur type)

Gears and reduction boxes with medium loading.

Characteristics	Standards	Units	Values		
Grades	ISO-VG	-	32	46	68
Density at 15 °C	NF T 60-101	Kg/m ³	872	879	887
Kinematic viscosity at 40 °C	NF T 60-100	mm ² /s	32.1	46.8	68.3
Kinematic viscosity at 100 °C	NF T 60-100	mm ² /s	5.44	6.93	8.84
Pour point	NF T 60-105	°C	-27	-24	-24
Fire point	NF T 60-118	°C	243	246	264
Engler viscosity at 50°C	-	°E	3.0	4.1	5.7
Viscosity index	NF T 60-136	-	108	103	102
VO Flash point	NF T 60-118	°C	219	228	237

Characteristics	Standards	Units	Values		
			100	150	220
Grades	ISO-VG	-	100	150	220
Density at 15 °C	NF T 60-101	Kg/m3	889	894	897
Kinematic viscosity at 40 °C	NF T 60-100	mm2/s	98.4	149	220
Kinematic viscosity at 100 °C	NF T 60-100	mm2/s	11.3	14.8	18.9
Pour point	NF T 60-105	°C	-18	-15	-12
Fire point	NF T 60-118	°C	288	297	306
Engler viscosity at 50°C	-	°E	8.0	11.7	16.7
Viscosity index	NF T 60-136	-	101	98	96
VO Flash point	NF T 60-118	°C	252	264	270

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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