

**Extreme pressure lead-free sulfo-phosphorus mineral oils, for gears and reduction gears operating under heavy loads. Enhanced quality due to molybdenum disulfide.**

## PERFORMANCES

### Specifications:

CKE type (standards ISO 6743/6)

## ADVANTAGES

Special oils possessing extreme pressure properties making them able to withstand impacts and high pressures.

Prepared from high viscosity index bases and sulfo-phosphorus additives, they are lead-free and feature good anti-rust, anti-foaming and anti-corrosion properties.

They have good water resistance, with no major alterations.

The quality of DYNAM SP BIMO has been enhanced by molybdenum disulfide.

## USES

- Any enclosed gears or reduction gears.
- Machine tool gearboxes and feed drives.
- Bearings subject to heavy loads.
- Chain variable speed drives (PIV).
- Quarrying, mining, metallurgical equipment: Presses, crushers, etc.

Characteristics	Units	Standards	46	68	100	150	220	320
Density at 15°C	kg/m <sup>3</sup>	NF T 60-101	881	885	893	898	907	915
COC flash point	°C	NF T 60-118	206	207	225	231	240	246
Pour point	°C	NF T 60-105	-33	-33	-21	-18	-12	-12
Kinematic viscosity at 40°C	mm <sup>2</sup> /s	NF T 60-100	46.3	68.2	101.7	150.8	219.7	322
Viscosity index		NF T 60-136	104	106	105	100	97	96
Characteristics	Units	Standards	460	680	1000	1500	2200	3200
Density at 15°C	kg/m <sup>3</sup>	NF T 60-101	920	926	906	910	907	910
COC flash point	°C	NF T 60-118	249	264	285	288	290	292
Pour point	°C	NF T 60-105	-9	-6	-6	-6	-9	-9
Kinematic viscosity at 40°C	mm <sup>2</sup> /s	NF T 60-100	463	679	1022	1522	2200	2300
Viscosity index		NF T 60-136	93	91	117	120	110	112

*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.*

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