

INA Gorgonela S

General Description - Application

INA Gorgonela S is premium quality multipurpose mineral engine oil intended for lubrication of medium-speed, main propulsion and auxiliary marine trunk-piston diesel engines burning distillate diesel fuels having sulphur content up to 1.0 % w/w. They also perform satisfactorily in smaller high-speed engines. It can be used for other application such as geared transmissions, turbochargers, variable pitch propellers, stern tube bearings, deck machinery and other equipment.

It offers superior corrosion protection for all engine components in wet and salt environments.

Centrifuging can easily separate water. Protects from sludge and deposit formation and assures high engine cleanliness.

Performance Level – Specifications

API CF

MIL-L-2104C

SAE J300 Apr13

INA N 22-283 (SAE 30)

INA N 22-284 (SAE 40)

INA N 22-285 (SAE 50)

INA N 22-286 (SAE 60)

Approvals

ZF TE-ML 04B (SAE 30)

ZF Registration number ZF001173

Pielstick (SAE 30 & 40)

Properties	INA Gorgonela S				Method
	30	40	50	60	
Density at 15 °C, g/cm ³	0,895	0,900	0,905	0,910	ASTM D 4052
Kinematic viscosity at 100 °C, mm ² /s	11,7	14,5	18,5	23,5	ISO 3104
Viscosity Index	96	95	94	93	ISO 2909
Dynamic viscosity (HTHS), mPa·s	3,5	4,1	4,9	5,9	CEC L-36-A-90
Flash point, °C	240	250	255	260	ISO 2592
Pour point, °C	-27	-24	-21	-18	ISO 3016
Total base number (TBN), mg KOH/g	12,5	12,5	12,5	12,5	ISO 3771
Sulphated ash, % (m/m)	1,60	1,60	1,60	1,60	ISO 3987
Foaming, tendency/stability, mL					ISO 6247
- at 24 °C	0/0	0/0	0/0	0/0	
- at 94 °C	10/0	15/0	15/0	15/0	
- at 24 °C after 94 °C	0/0	0/0	0/0	0/0	
FZG, failure load stage	12	12	12	12	ISO 14635-1

The above figures are typical of those obtained with normal production tolerance and do not constitute a specification.