



MOL Hungarian Oil and Gas
Public Limited Company

Certificate of Quality

Registered MSZ ISO 9001

ISO 9001:2015 / SGS HU 94/4326

PROD5.6_MI_DSMOL1 /
mol_qc_engfsh

Certificate number:
CERT-SAMPLE-640826
31812078

**Product: Base Oil SAE 30/90 (SN 500),
MOL_0782_101**

**Destination: Oleotecnica S.p.A.
Segrate (MI)
Via Leonardo da Vinci, 7
IT**

Production date: 2024.06.02

Tank: DT02012_M

Batch number: 578

SAP Code No: 13000220, 13011982

Vehicle number(s): FG7337P NO063AU HOB040113-2

Property	Unit of measure	Method	Specification	Result
Appearance at 25°C		QC_IHM_003	Transparent, sediment free	Clear, transparent, free of sediment
Density at 15°C	g/cm ³	ISO 12185	To be reported	0.8867
Kinematic viscosity at 40°C	mm ² /s	ISO 3104	90.00 - 120.00	104.2
Kinematic viscosity at 100°C	mm ² /s		10.00 - 12.00	11.19
Viscosity index		ISO 2909	Min. 90	91.9
Flash Point by Cleveland	°C	ISO 2592	Min. 240	260
Pour Point	C_fok	ISO 3016	Max. -12	-13.0
TAN	mgKOH/g	ISO 6618	Max. 0.05	0.013
MCR	%(m/m)	ISO 10370	Max. 0.25	0.02
Ash content	%(m/m)	ISO 8245	Max. 0.010	0.004
Colour (ASTM)		ISO 2049	Max. 3.5	1.5
Sulphur Content	%(m/m)	EN ISO 8754	Max. 0.40	0.26
PCA	%(m/m)	IP 346	Max. 2.9	<2.9
CA	%	ASTM D 2140	Max. 8.0	5.002
VGC			0.80 - 0.82	0.817
Volatility Loss by Noack	%(m/m)	ASTM D5800 B	Max. 6.0	3.00
Time of Deemulsibility at 82°C	perc	ISO 6614	Max. 15	10
Air Release at 75°C	perc	ISO 9120	Max. 6	2
Water Content	%(m/m)	ISO 9029	Max. 0.025	0.000

The quality of the product meets the specifications.

Date of issue: Százhalombatta, 2024.06.06
The Certificate of Quality can be copied exclusively with
full content!

Without a signature and a seal valid.