

Product: Base Oil SN 150

General features

Base oils obtained from the crude oil vacuum fraction of crude oil, selectively refined, dewaxed by means of solvents and hydro-refined.

Application

Base oils are used for the production of lubricating oils, oil products, greases, plasticizers. Intended for use in machines and mechanisms of industrial equipment, the operating conditions of which do not impose special requirements on the anti-oxidation and anti-corrosion properties of oils. It is also used as a base for the production of lubricants, mainly motor oils.

Certificate of Analysis

No	Properties	Unit	Value	Requirements of the standard
1	Density at 15 °C	kg/m ³	873.70	Enter the result
2	Kinematic viscosity at 40 °C	mm ² /s	31.210	min. 28.8 - max.33.5
3	Kinematic viscosity at 100 °C	mm ² /s	5.271	min. 5.0 - max.5.5 5.500
4	Viscosity index	-	99.00	min. 95.00
5	Pour point	°C	-15.0	max. -12.0
6	Flash point coc	°C	229.0	min. 210.0
7	Structural viscosity at -15 °C	mPa*s	1070	max. 1400
8	Residue after coking (Conradson)	%(m/m)	0.01	max. 0.03
9	Residue after incineration	%(m/m)	0.001	max. 0.005
10	Neutralization number	mgKOH/g	0.00	max. 0.05
11	Cont. of volatiles	%(m/m)	14.90	max. 18.50
12	Sulphur content	%(m/m)	0.59	Enter the result
14	Colour ASTM D1500	Stopien	0.5	max. 1.0
15	Apperance	-	Transparent. without suspensions and sediments	Transparent. without suspensions and sediments
16	Water content	mg/kg	40.0	max. 200.0
17	Emulsification of the amount of oil / water / emulsion	ml	40/40/0	Enter the result
18	Time the oil water separation at 54 °C	min.	5.0	max. 20.0

Advantages:

- Can be used as base components in the manufacture of lubricating oils
- It is possible to produce oils of intermediate viscosity classes (for example I-30A) by mixing more viscous oils with less viscous ones in the appropriate proportion
- In almost all cases, this oil can be replaced with alloyed oils of the IGP series of the appropriate viscosity.

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