

## LUBRICATING OIL HEAVY DUTY ENGINE, MULTIGRADE SAE 0W-30 / 5W-30 NATO CODE O-1178

### DESCRIPTION

NYCOLUBE 294 is a fully synthetic engine oil manufactured from high performance synthetic base oils with a blend of selected system of additives.

### APPLICATIONS

NYCOLUBE 294 is intended for heavy duty military applications operating in wide temperature range.

The product is suitable for the lubrication of engines, hydraulic systems, automatic and manual gearbox using EMT-8 type oil, transmissions, clutch and steering systems of military vehicles requiring O-1178 performances.

Due to modern and complex additive system (detergent-dispersant, oxidation, wear, corrosion, foam inhibitors) providing full engine protection, this product enables to keep internal engine parts clean, reduces wear, etc.

### ADVANTAGES

- Extremely low pour point
- Excellent cold flow properties
- Very high viscosity index
- Good shear stability

### SPECIFICATIONS \* / OEM's & Airframers reference

- Approved TL 9150-0080 Aug.4 (Germany)
- Meets ACEA E3
- Meets ZF Class TE ML-13
- Approved in RENK GmbH transmissions
- Substitute to EMT-8 Type

\* **Approved:** The product has been approved by the relevant authority. The product is referenced on the applicable qualified product list.

**Meets:** The product complies with all the requirements of the specification and has not been formally approved or approval is in progress or the specification is obsolete.

**Substitute:** The product has not been developed to meet the specification requirements but can be used as a substitute to the Russian product.

CHARACTERISTIC	UNIT	TYPICAL VALUE	TL 9150-0080 LIMIT	TEST METHOD
Kinematic Viscosity at 100°C at 40°C	mm <sup>2</sup> /s	10.8 52.7	9.30 – 12.50 report	ASTM D445
Viscosity Index		202	report	ASTM D2270
Density at 15°C	kg/dm <sup>3</sup>	0.863	report	ASTM D4052
Flash Point, COC	°C	217	min. 200	ASTM D92
Pour Point	°C	- 48	max. -48	ASTM D97
Total Base Number	mg KOH/g	11.1	report	ASTM D2896
FZG A/8.3/90	Failure Load Stage	12	min. 10	DIN ISO 14635-1

The values above are typical values. They do not constitute any contractual commitment.

Sales specifications are available on request. The present technical data sheet replaces all the previous editions.