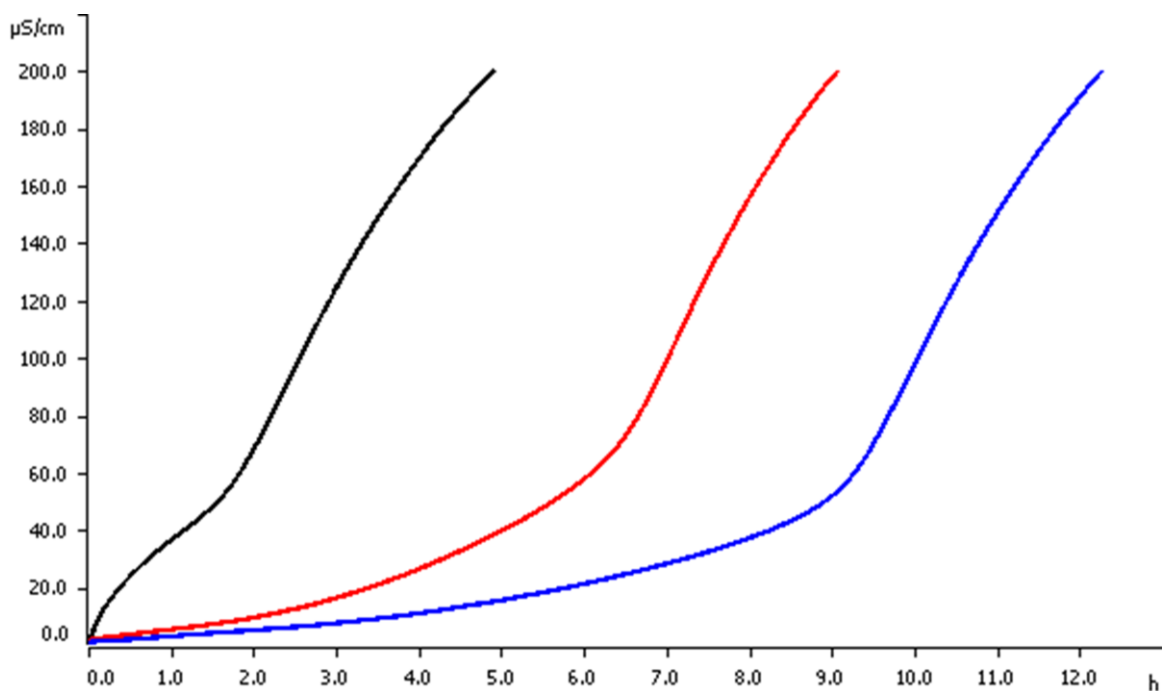


Oxidation stability of bio-degradable lubricating oils



The oxidation stability of biodegradable lubricating oils was determined using the Rancimat method.

Results

Sample	Induction time
— Lubricating oil 1	1.8 h
— Lubricating oil 2	6.5 h
— Lubricating oil 3	9.3 h

Method description

Sample

Biologically degradable lubricating oils

Sample preparation

None

Instrument

892 Professional Rancimat



Parameters

Temperature	160 °C
Air flow	20 L/h
Evaluation	Induction time
Evaluation sensitivity	1.0
Stop criteria	End points
Sample amount	3 g
Measuring solution	60 mL deionized water