



**OUR BUSINESS IS HEAVY DUTY LUBRICANTS**

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## PRODUCT SPECIFICATIONS & TECHNICAL DATA

### **PETRO-FLO SYNTHETIC GEAR and CIRCULATION OILS HEAVY DUTY**

**PETRO-FLO SYNTHETIC GEAR and CIRCULATION OILS** are a series of **Heavy Duty** lubricants, formulated using high viscosity index synthetic base-stock oils to meet the multi-purpose needs of the industrial market. These oils provide protection against rust, corrosion and enhanced oxidation stability, resistant to foaming and contain friction modifiers, help reduce gear tooth and bearing wear on both steel and bronze components. These oils meet the needs of enclosed gear sets working under heavy loads or shock, plain and anti-friction bearings, slide guides, chain drives, mobile equipment, etc... They are available in several ISO viscosity grades ranging from 32 to 1000.

**Applications:** Steel gear transmissions including spur, helical and bevel gears, industrial gear drives where full extreme pressure performance due to heavy or shock loading is needed, plain and roller contact bearings, circulating and splash lubricated systems, mist systems. In gear, circulation and bearing applications, as well as selected compressors

ISO Viscosity Grade	32	46	68	100	150	220	320	460	680	1000
<b>Kinematic Viscosity</b>										
at 40°C	mm <sup>2</sup> /s	32	46	68	100	150	220	320	460	680
at 100°C	mm <sup>2</sup> /s	5.8	7.8	10.3	11.4	18,3	25,3	33,3	45,3	81,1
<b>Viscosity Index</b>	138	139	141	141	149	150	152	157	161	161
<b>Flash Point °C COC</b>	240	240	245	245	247	247	247	247	247	247
<b>Pour Point °C</b>	°C	-53	-50	-50	-50	-40	-40	-38	-38	-36

The above analyses are typical inspections only and the finished product may vary from batch to batch