

## PETROGULF GEAR OILS

### PRODUCT DESCRIPTION

**PETROGULF Industrial Gear & Bearing Oils** are formulated using high viscosity index, solvent refined, based oils and incorporate a special sulphur-phosphorous additive to provide an extreme pressure performance which allow trouble free applications. These premium quality gear lubricants are for used in enclosed gear drives & speed reducers ranging from small boxes to large. These lubricants may also be used for chain drives, slide guides, plain & rolling gears. They have excellent water separation properties, such that excess water can be drained easily from lubrication systems. These withstand high thermal loading, resist the formation of sludge and provides extended oil life, even with bulk oil temperatures of up to 100°C in certain applications.

### FEATURES

- ❖ Protects both steel and bronze components from corrosion.
- ❖ Operations reduces health and product removal risks.
- ❖ Wide range of viscosities and cater to the most varied and arduous industrial applications.
- ❖ Excellent Load Carrying Capacity
- ❖ Reduces gear tooth and bearing wear on both steel and bronze components.

### TYPICAL PROPERTIES

Petrogulf Gear Oil							
ISO GRADE	68	100	150	220	320	460	680
<b>Properties</b>	<b>Typical Results</b>						
Specific Gravity @ 15°C	0.881	0.886	0.893	0.898	0.903	0.906	0.908
AGMA 250.04	2EP	3EP	4EP	5EP	6EP	7EP	8EP
David Brown Grade	2E	3E	4E	5E	6E	7E	8E
Timken OK Load, kg	27.5	27.5	27.5	27.5	27.5	27.5	27.5
Flash Point (COC), °C	>210	>218	>220	>228	>230	>240	>245
Kinematic Viscosity @ 40 <sup>0</sup> (cSt)	68.2	98.96	150	222.4	320	460	680
Kinematic Viscosity @ 100 <sup>0</sup> (cSt)	8.70	11.02	14.62	18.50	23.90	31.05	39.10
Viscosity Index	>95	>95	>96	>96	>96	>96	>96
Pour Point (°C)	-15	-20	-20	-20	-18	-12	-9

\*These characteristics are typical of current production. Whilst future production will conform to PetroGulf's specification, variations in these characteristics may occur.

### HANDLING, HEALTH AND SAFETY

- ❖ Lubricants consisting of highly refined mineral oils with specific additives under normal conditions of use, presents no particular toxic hazard. All lubricants, of any kind should be handled with great care, particularly avoiding any contact with skin.
- ❖ Prevent any splashing and keep away from combustible materials. Store under cover and away from any risk of pollution. Dispose off used oil correctly; don't pour down drains, into water courses or the soil.
- ❖ Take used oil to an authorized collection point.