

DESCRIPTION

Petrogulf CIRCULATION Oils are uninhibited mineral oils that have been solvent refined from high quality paraffinic base oils. They are an economical choice for applications requiring un-additized oils of an API SA quality. PetroGulf Circulation Oils are light-colored multi-purpose lubricating oils that may be suitable for use in machine tools, gear reducers, electric motors, sleeve bearings, air compressors, spindle bearings, roller and drive chains.

FEATURES & BENEFITS

PetroGulf Circulation Oils provide good natural lubricating properties and resist rust and corrosion. They have a narrow boiling range offering improved heat transfer properties in circulating systems where an inhibited mineral oil is recommended. These products have outstanding demulsibility characteristics for rapid water separation. Their low carbon foaming tendencies make them a choice lubricant for use in air compressors.

PetroGulf Circulation Oils are available in ISO viscosity grades (ISO VG), 22-460, to comply with most industrial applications. Follow equipment manufacturer recommendations for appropriate viscosity grades.

PERFORMANCE LEVELS

- Rust & Oxidation

TYPICAL CHARACTERISTICS

PROPERTIES	TYPICAL VALUES							
ISO Grade	32	46	68	100	150	220	320	460
Kinematic Viscosity @40°C, mm ² /s	32.2	46.5	68.5	100.2	150.1	220.2	320.3	460.1
Kinematic Viscosity @100°C, mm ² /s	5.42	6.78	8.78	11.23	14.65	18.9	24.2	30.6
Viscosity Index	102	99	100	98	96	96	96	96
Density @ 15°C Kg/L	0.860	0.870	0.878	0.880	0.889	0.890	0.897	0.8930
Pour Point, °C	-24	-21	-21	-18	-15	-15	-12	-12
Flash Point (COC), °C	214	226	240	246	260	266	278	292

**These characteristics are typical of current production. Whilst future production will conform to Petrogulf specification, variations in these Characteristics may occur. The oil drain interval as specified by the engine manufacturer should be adhered to, particularly where indirect fuel injection is used.*

ISO GRADE	32	46	68	100	150
PRODUCT CODE	30600000400	30600000600	30600000800	30600001000	30600001100
	220	320	460		
	30600001200	30600001300	30600001400		

Handling, Health and Safety

- In normal conditions of use, this lubricant 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 the used oil correctly; don't pour down drains, into watercourses or the soil.
- PetroGulf will not accept liability if the product is used other than in manner or with the precautions, or for the purpose specified. Before the product is used other than directed advice should be obtained from PetroGulf local office.