

PETRONAS GEAR™ MEP



High Quality Paraffinic HD Industrial Gear Oils

PETRONAS GEAR™ MEP is a range of heavy duty industrial gear lubricants made from high quality paraffinic mineral oils, incorporating unleaded additives to provide extreme pressure and anti-wear characteristics, rust and corrosion protection, enhanced oxidation stability and resistance to foaming. These oils have friction modifying characteristics which reduce power consumption and lower bulk oil temperatures. They have Timken OK Load ratings of 27 kilograms.

Applications

PETRONAS GEAR™ MEP oils are recommended for industrial enclosed gear sets with circulation or splash lubrication systems operating at no more than 110 °C bulk oil temperature. For worm gears, operating at bulk temperatures above 95 °C, PETRONAS GEAR™ SYN PAG Series is recommended. Non-gear applications for PETRONAS GEAR™ MEP oils include shaft couplings, screws and heavily loaded bearings operating at slow speeds.

Features and Benefits

- | Outstanding anti-wear properties.
- | Good oxidation stability.
- | Good rust and corrosion protection.
- | Good demulsibility.
- | Excellent anti-foam characteristics.
- | Good filterability.

Typical Properties

CHARACTERISTICS	68	100	150	220	320	460	680
Pour Point, °C	-24	-24	-24	-18	-15	-6	-6
Flash Point, °C	204	208	210	216	232	232	232
Kinematic Viscosity @ 40 °C, cSt	65	100	140	210	305	440	650
Kinematic Viscosity @ 100 °C, cSt	8,6	11,3	14,5	18,3	23,3	30	36
Viscosity Index, min.	95	95	95	95	95	95	80
Neutralization No., max.	1,5	1,5	1,5	1,5	1,5	1,5	1,5
FZG, Stages Passed	>12	>12	>12	>12	>12	>12	>12
AGMA No.	2EP	3EP	4EP	5EP	6EP	7EP	8EP

*All technical data is provided for reference only.

Health, Safety and Environment.

For further assistance on product MSDS, recommendation or technical queries, please liaise with the regional technical services engineer or contact HQ technical engineers.

Performance Levels

DIN 51517 Part 3 CLP; AISE 224, David Brown S1.53.101(E); AGMA 9005-E02; strong FAG FE-8 performance