



Gulf SDMO SAE 10W & 30

Heavy Duty Transmission and Hydraulic Oil

Product Description

Gulf SDMO SAE 10W & 30 are specially designed for hydraulic systems and high torque & heavy duty automatic and powershift transmissions on off-highway equipment used in earthmoving, mining logging, road transport and agricultural applications. These oils are blended from highly refined base oils and proven performance additives to provide enhanced wear protection, thermo-oxidative stability, frictional characteristics and rust & corrosion protection. SDMO 30 is also suitable for use in heavy duty diesel where such type of oil is recommended.

Features & Benefits

- Improved thermo-oxidative stability and protection of metal surfaces against scuffing and wear gives longer oil and equipment life
- Provides good protection against rust and corrosion to precision equipment components when operating in humid conditions
- Excellent foam control ensures effective transmission performance
- Good compatibility with all common seals, O rings and packing materials leads to reduced downtime
- Exclusive formulation ensures peak performance in severe operating conditions
- Good oxidation stability controls premature oil thickening
- Very good low temperature fluidity (SAE 10W grade) ensures quick startup of equipment

Applications

- **SAE 10W** : Hydraulic oil in various heavy duty Dumpers, Dozers, Excavators, Tippers and Cranes used in construction and mining industry
- **SAE 30** : Transmission boxes of various heavy duty off-highway equipment used in earthmoving, mining, road transport and agricultural applications
- Heavy duty manual transmissions, gear boxes, final drives and hydraulic systems used in off-highway equipments for Earthmoving, agricultural, logging, construction and mining applications.
- Industrial torque converters and hydraulic systems where such type of fluids are specified
- SDMO, SAE 30 is also suitable for diesel engines where such quality oil is recommended.

Specifications, Approvals & Typical Properties

Meets the following Specification		10W	30
API CF, API CD		x	x
IS 13656 EDL - 3			x
Typical Properties			
Test Parameters	ASTM Method	Typical Values	
Viscosity @ 100 °C, cSt	D 445	6.0	11.00
Viscosity Index	D 2270	110	98
Flash Point, °C	D 92	210	230
TBN, mg KOH/g	D2896	10.4	10.4
Pour Point, °C	D 97	-27	-15
Density @ 15°C, Kg/l	D 1298	0.8918	0.8936

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Properties mentioned above are typical only and minor variations, which do not affect the product performances, are to be expected in normal manufacturing. The above information is based on past history of the grade only and must not be construed as a guarantee of performance. Follow equipment manufacturer's recommendations for performance level and viscosity grade. The Material Safety Data Sheet for this product is available from your nearest Gulf Distributor.

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