



MOTOR HP4D

MONOGRADE LUBRICANT FOR DIESEL, PETROL 4 STROKE ENGINES AND TRANSMISSIONS



INDUSTRIAL VEHICLES RANGE

ENGINE
MINERAL
SAE 10W, 20W-20, SAE 30
SAE 40 and SAE 50

STANDARDS AND SPECIFICATIONS

ACEA E2
API CF

Mineral

Semi-synthetic

100% synthetic



APPLICATIONS

MOTOR HP4 D is adapted for **any petrol and diesel 4 stroke engines**.

MOTOR HP4 D can be used, according to viscosity grades, on hydraulic and hydrostatic transmissions, powershift as well as mechanical transmissions, when the manufacturer requires a monograde or an API GL1 transmission oil.

BENEFITS

MOTOR HP4 D is a high performance monograde oil whose main characteristics are:

- Good viscosity stability ensuring an **optimal lubrication**,
- Improved anti-wear and anti-corrosion protections,
- Very good resistance to oxidation and protection against sludging and varnish,
- Grade choice in order to adapt the viscosity to equipment requirements.

PERFORMANCES

PERFORMANCE LEVELS

ACEA E2
API CF
MAN 270
MB 228.0

Unil
opal
MILK



CHARACTERISTICS

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA				
			10W	20W20	SAE 30	SAE 40	SAE 50
SAE Grade	-	-	10W	20W20	SAE 30	SAE 40	SAE 50
Specific gravity at 15°C	kg/m ³	NF T 60-101	875	882	884	893	894
Kinematic viscosity at 40°C	mm ² /s	NF T 60-100	44,8	67,3	76,7	123,3	176,5
Kinematic viscosity at 100°C	mm ² /s	NF T 60-100	7,1	9,1	9,8	12,9	16,5
Viscosity index	-	NF T 60-136	118	111	107	97	98
Dynamic viscosity at -25°C	mPa.s	ASTM D 5293	6 000	-	-	-	-
Dynamic viscosity at -15°C	mPa.s	ASTM D 5293	-	3 500	-	-	-
Pour point	°C	NF T 60-105	-33	-33	-33	-27	-24
Flash point	°C	NF T 60-118	228	234	236	258	266

This typical data is given for information only

HEALTH, SAFETY AND ENVIRONMENT

Elimination must be carried out to conform to the rules set for the disposal of used lubricants.

Must be stored away from bad weather.

Should you need further details, our Technical Department remains at your entire disposal.