

PRODUCT DATA SHEET

SUPER DIESEL HD 3

Petromin Super Diesel HD3 Series heavy duty oil is developed primarily for high output, naturally aspirated or supercharged diesel engines, operating under moderate conditions. Petromin Super Diesel HD3 oil series are formulated from high VI mineral base oils and chemical additives, which provide dispersant, detergent, anti-oxidant, anti-wear, anti-rust properties.

BENEFITS

- Excellent protection against the effects of high-sulphur fuels.
- Good control of high temperature deposits.
- Improved resistance to ring sticking, ring and cylinder wear, valve and combustion deposits.
- Long engine life.

SPECIFICATIONS & APPROVALS

Petromin Super Diesel HD 3 meets or exceeds the requirements of:

- API CF
- CATERPILLAR TO-2
- ALLISON C3

APPLICATIONS

Petromin Super Diesel HD3 Series oil is recommended for use in diesel engines fitted in automotive, agricultural and construction equipments, operating in fleet and construction business where relatively moderate sulphur fuel is used and other severe service factors are considered.

PRODUCT CHARACTERISTICS*

PROPERTIES	UNITS	VALUE						TEST METHOD
SAE GRADE	-	10W	20	30	40	50	60	-
Specific Gravity @ 15 °C	-	0.883	0.889	0.895	0.900	0.903	0.903	ASTM D-4052
Viscosity @ 40 °C	mm ² /s	32.05	56.0	92.7	151.8	213.6	295.2	ASTM D-445
Viscosity @ 100 °C	mm ² /s	5.54	7.8	10.79	14.92	18.65	23.14	ASTM D-445
Viscosity Index	-	109	104	100	98	97	97	ASTM D-2270
Flash Point, COC	°C	224	224	232	258	268	270	ASTM D-92
Base Number	mg KOH/g	8.1	8.5	8.5	8.5	8.5	8.5	ASTM D-2896
Sulphated Ash	% wt.	1.145	1.145	1.145	1.145	1.145	1.145	ASTM D-874
Color	-	1.5	2.5	2.5	3.0	L 3.5	3.5	ASTM D-1500
Pour Point	°C	-30	-24	-21	-18	-15	-15	ASTM D-97
Product Code	-	2310	2320	2330	2340	2350	2450	-

*The information and figures given here are typical of current production and conform to specification, minor variations may occur.

