

## PRODUCT INFORMATION

**PRODUCT NAME** VASOIL MULTIRANGE 15W/40

**DESCRIPTION** **MULTIRANGE 15W/40** introduces improved oil for use in Diesel engines operating under very severe duty, or subject to deposit formation or excessive wear due to design characteristics. Formulated from high quality base stock of high viscosity index, treated with a carefully selected and balance percentage of additives to impact superior detergency together with high dispersant antioxidant, antiwear and antifoam properties.  
The **MULTIRANGE 15W/40** is marketed in Viscosity grade - SAE 15W/40.

## PRODUCT USE

**MULTIRANGE 15W/40**, is specially formulated for modern normally aspirated and supercharged turbo **Diesel engines** operating under very severe duty. This Multigrade oil is able to give efficient lubrication when starting-up the engine, reducing friction, resist to sludge formation as well as enabling reduction of fuel consumption and air pollution.

## SPECIFICATIONS

**MULTIRANGE 15W/40** meets the requirements of the following specifications:

ACEA E7 -12	API CH-4 / CG-4 / CF-4 / SL	MAN 3275
ACEA A3/B4 -12	MACK EO-M+	MB p228.3
VOLVO VDS 2	RENAULT RD-2	MTU TYPE 2
CUMMINS 20076/77	CATERPILLAR ECF-1A	DEUTZ DQC II-10

## CHARACTERISTICS ( TYPICAL PROPERTIES )

VASOIL BRAND	SAE Viscosity Grade	Mass Density @ 15 C Kg / lt	Flash point ASTM C	Pour point D93 C	Kinematic Viscosity		Viscosity Index	TBN mgKOH/ g
					40 C	100 C		
MULTIRANGE	15W/40	0,880	240	-25	120	14.5	122	10
	20W/50	0.890	245	-22	179	19	127	10