



# Superfleet Special 15W-40

*Commercial Vehicle Engine Oil*

## **Product Description**

**Gulf Superfleet Special 15W-40** is a high performance heavy-duty diesel engine oil developed to meet the performance requirements of modern turbocharged and naturally aspirated diesel engines meeting Euro 1 and Euro-2 emissions norms operating under severe conditions. **Gulf Superfleet Special 15W-40** meets the requirements of an array of heavy duty diesel engines used in variety of applications.

**Gulf Superfleet Special 15W-40** is based on a high quality mineral base stock in combination with an special additive package to reach the following properties.

- High oxidation stability reduces sludge build up & viscosity increase to facilitate long drain intervals.
- Improved detergency reduces deposits and enhances engine cleanliness.
- Good dispersancy ensures soot dispersion to control oil thickening and wear.
- Effective antiwear properties protects critical engine components to extend engine life and reduce maintenance costs.
- Better high temperature-high shear stability protects against bore polishing.

**Gulf Superfleet Special 15W-40** exceeds the following performance criteria

<b>Exceeds</b>	AP CG-4/CF MTU Type 2 MACK EO-L	ACEA A3/B3, A3/B4, E2 Volvo VDS	Daimler MB 228.3 MAN M3275
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## **Typical Analysis**

<b>Properties</b>	<b>Unit</b>	<b>Method</b>	<b>Typical Value</b>
SAE Grade		SAE J300	15W-40
Density @15°C	kg/m <sup>3</sup>	ASTM D4052	884.2
Kin. Viscosity @40°C	mm <sup>2</sup> /s	ASTM D445	105
Kin. Viscosity @100°C	mm <sup>2</sup> /s	ASTM D445	14.5
Viscosity index		ASTM D2270	141
Viscosity CCS@-20°C, max	cP	ASTM D2983	7000
Flash Point COC, min	°C	ASTM D92	>201
Pour Point	°C	ASTM D97	-33
Total Base Number	mgKOH/g	ASTM D2896	10
Sulphated Ash	%Wt	ASTM D874	1.45

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