



TECHNIK MÜLHEIM

Kuwait Petroleum
Research + Technology B. V.
Mr. L. J. Mew

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BEREICH TECHNISCHE NACHRICHTEN

UNTERSCHREIBUNG	NAMEN	TELEFON	FAX	DATUM
TWC-0513/87 Sa./Ilg.	Sand	2953		17.03.1987

Ref.: Approval turbine oil, Q 8 van Gogh 32

Dear Mr. Mew,

we received your turbine oil " Q 8 van Gogh 32 " for approval testing.

The tests we carried out showed that this product is in accordance with our material supply specification TLV 9013. Therefore we give the formal approval for turbine oil " Q 8 van Gogh 32 ".

In our list of approved turbine oils your products will be published as followed

- | | |
|-----------------------------|----------------------|
| a) Kuwaitoil Turbine Oil 32 | only for Kuwait. |
| Kuwaitoil Turbine Oil 46 | |
| b) Q 8 van Gogh 32 | for other countries. |
| Q 8 van Gogh 46 | |

The mineral oil formulation you developed as a possible hydraulic oil for our compact drives (TLV 9016) we should discuss on a later moment.

Regards!

TECHNIK WERKSTOFFE

Ddr.: KAB, H. Völker

Schmidt Sand

Enclosure!

Enclosure

to TWC-0513/87

Kuwait oil " Q 8 van Gogh 32 "

Test results

- Air relase at 50° C	2 min
- Neutralisation number	0,17 mg KOH/g
- Water content	< 0,01 wgt - %
- Foaming	
tendency	0 ml
stability	0 s
- Viscosity	32,9 mm ² /s
- Water release	40 s
- Density at 15° C	0,887 g/cm ³
- Flash point	208° C
- Zinc	< detection limit

KWU/TM TWCC 2

H. Sand

Tel. 2953

Sand